

U. S. DEPARTMENT OF COMMERCE

HARRY L. HOPKINS, Secretary

COAST AND GEODETIC SURVEY

LEO OTIS COLBERT, Director

SERIAL No. 625

CATALOG

OF

U. S. COAST AND GEODETIC SURVEY NAUTICAL AND AERONAUTICAL CHARTS, COAST PILOTS, TIDE TABLES, CURRENT TABLES TIDAL CURRENT CHARTS

ATLANTIC AND GULF COASTS, PUERTO RICO, VIRGIN
ISLANDS, AND THE CANAL ZONE; PACIFIC COAST
ALASKA, THE HAWAIIAN ISLANDS AND GUAM
AND THE PHILIPPINE ISLANDS

DISTRIBUTED BY THE U. S. COAST AND GEODETIC SURVEY
AND AUTHORIZED SALES AGENCIES LISTED



EDITION: MAY 1940

CATALOG OF NAUTICAL AND AERONAUTICAL CHARTS, COAST PILOTS, TIDE TABLES, CURRENT TABLES, AND TIDAL CURRENT CHARTS

GENERAL INFORMATION

This catalog lists information regarding items sold by the Coast and Geodetic Survey of the Department of Commerce and its authorized sales agents. An index appears on page 62.

Purchases may be made from any of the sales agents listed in this catalog, or from the following **Field Stations**: 10th Floor, Customhouse, Boston, Mass.; 620 Federal Office Building, New York, N. Y.; 314 Customhouse, New Orleans, La.; 307 Customhouse, San Francisco, Calif.; and 601 Federal Office Building, Seattle, Wash. However, if ordering by mail of the United States Coast and Geodetic Survey, Washington, D. C., or Manila, P. I., remit by money order, express order, or check, payable to the United States Coast and Geodetic Survey and *not by name to any individual*. Money is unsafe except by registered mail. Postage stamps and Superintendent of Documents coupons cannot be accepted. Order by catalog number only.

Nautical charts are grouped in the following order: Atlantic and Gulf Coasts; Intra-coastal Waterway charts; Puerto Rico, Virgin Islands, the Canal Zone; the Pacific coast; Alaska; the Hawaiian Islands and Guam; and the Philippine Islands. Miscellaneous maps are listed on page 53, aeronautical charts on page 57, and Philippine Islands maps on page 59. A

numerical arrangement appears on pages 60-61, for ready reference to page and price.

There are also listed United States coast pilots and Intra-coastal Waterways (inside route) pilots, tide tables, current tables, and tidal current charts.

Revised catalogs are issued frequently. The List of Publications of the Department of Commerce, free on application, lists the many other publications of the Coast and Geodetic Survey, covering its activities in hydrography, tides, currents, geodesy, terrestrial magnetism, and seismology.

Notice to Mariners (United States), a weekly leaflet issued by the United States Coast Guard, Treasury Department, is free to those who desire copies regularly. It may be consulted at sales agencies listed herein and at all United States customhouses, lighthouse offices, hydrographic offices, and consulates abroad. A separate **Notice to Mariners (Philippine Islands)** is published by the United States Coast and Geodetic Survey field station at Manila. Notice to Mariners is issued as a safety aid, to keep mariners advised of constant changes so they may keep their nautical charts and coast pilots up to date. New charts, new editions of charts, and new publications, are also announced therein.

DESCRIPTION OF NAUTICAL CHARTS

Published primarily for navigational use, nautical charts portray the water areas rather than the land. They are not designed as topographic maps, but usually include the topography extending a short distance inland, back of which only important landmarks visible at sea are included.

Field surveys are made on much larger scales than those on which the charts are published. The larger scales often include greater detail and provide a more comprehensive record of conditions existing at the specific time the survey was made. The chart is generally a compilation of data secured at different times. One portion, comprising an unchanging area, may be based upon a survey of years ago, while another part, subject to natural or artificial changes, shows the results of very recent surveys. **When information is desired on a larger scale than that of the chart, or where the actual date applicable to the information shown becomes of importance**, the public is frequently better served by having recourse to original survey records, photographic copies of which may be obtained at the nominal cost of reproduction. Many of the recent topographic surveys are published. These maps, mostly on scales of 1:10,000 or 1:20,000, are planimetric maps compiled from air photographs. They show shoreline details and nearly all interior topographic features, except contours and elevations. Sheets are available for most of the area along the coast from Massachusetts to Florida and part of the Gulf of Mexico. They are priced at 75 cents each, and indexes are available showing the areas covered. Orders placed prior to the receipt of indexes should indicate definitely the area desired.

Nautical charts are constructed on different scales, to adapt them to varied navigational purposes. Small-scale charts

include large areas, suited to offshore navigation; large-scale charts cover small areas, suited to alongshore navigation. They are grouped in the following order, the limits of each chart being graphically shown on diagrams facing the page on which it is listed.

Sailing charts.—Scales from 1:600,000 to 1:4,500,000. For use in fixing the navigator's position as he approaches the coast from the open ocean or when sailing between distant coast ports. They show offshore soundings, the principal lights and outer buoys and natural landmarks visible at considerable distance.

General charts of the coast.—Scales from 1:180,000 to 1:400,000. Designed for coastwise navigation, when a vessel's course is well offshore but where her position can be fixed by landmarks, lights, outer buoys, and characteristic soundings.

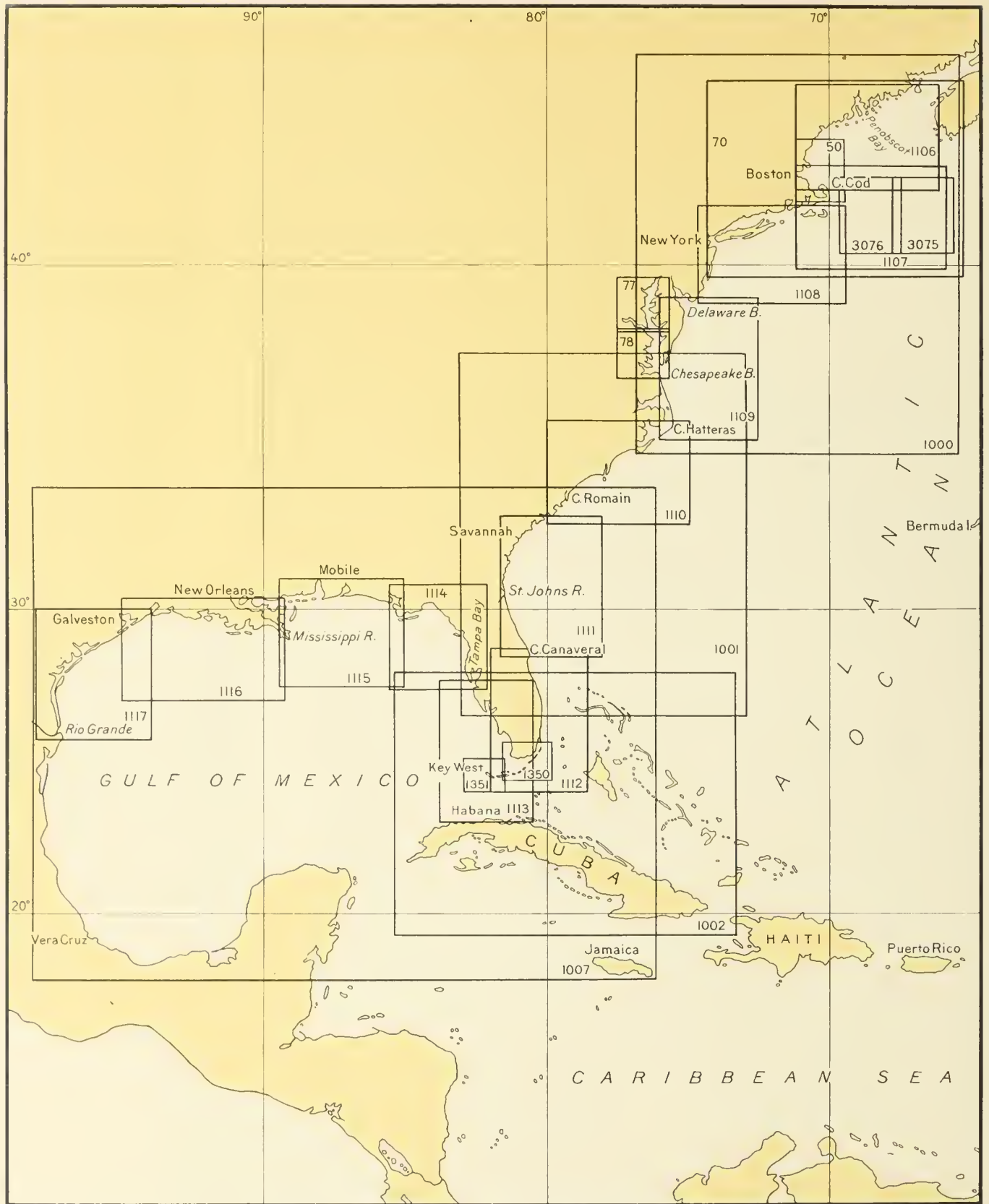
Coast charts.—Scales from 1:80,000 to 1:100,000. Prepared for close coastwise navigation, when a vessel's course would carry her inside outlying reefs and shoals; also for entering bays and harbors of considerable width and for navigating large inland waterways.

Harbor charts.—Scales from 1:5,000 to 1:40,000. Planned for navigation of harbors and small waterways.

Intra-coastal Waterway (inside route) charts.—Scale 1:40,000. Embrace the inside route in New Jersey and from Norfolk to Key West.

SCALE EQUIVALENTS

The following table gives the lengths of nautical and statute miles on most of the scales used, these scales being the proportionate size of the chart to nature. For example, in scale 1:80,000, the chart is 1:80,000 part of the actual linear dimen-



SAILING AND GENERAL CHARTS OF THE ATLANTIC AND GULF COASTS

NAUTICAL CHARTS—Continued

sions in nature, and 1 inch on the chart equals 0.912 nautical mile or 0.792 statute mile.

Scale	Nautical mile		Statute mile	
	Inches	Centimeters	Inches	Centimeters
1:1,200	60.803	154.44	52.800	134.11
1:2,400	30.401	77.22	26.400	67.06
1:4,800	15.201	38.61	13.200	33.53
1:5,000	14.593	37.06	12.672	32.19
1:10,000	7.296	18.53	6.336	16.09
1:15,000	4.864	12.36	4.224	10.73
1:20,000	3.648	9.27	3.168	8.05
1:30,000	2.432	6.18	2.112	5.36
1:40,000	1.824	4.63	1.584	4.02
1:50,000	1.459	3.71	1.267	3.22
1:60,000	1.216	3.09	1.056	2.68
1:63,360			1.000	
1:80,000	.912	2.32	.792	2.01
1:100,000	.730	1.85	.634	1.61
1:200,000	.365	.93	.317	.80
1:400,000	.182	.46	.158	.40
1:1,000,000	.073	.18	.063	.16
1:1,200,000	.061	.15	.053	.13

A nautical mile is a minute of an average great circle of the earth, and its length is 6,080 feet, or 1,853.2 meters. A statute mile is 5,280 feet, or 1,608.3 meters. One meter equals 39.37 inches; 1 centimeter equals 0.3937 inch; 1 inch equals 2.54 centimeters.

DATES ON CHARTS

Nautical charts show all necessary corrections as to lights, beacons, buoys, recently discovered dangers, etc., as of the date of issuance from the Washington, D. C., or Manila, P. I., offices, stamped in the lower right margin opposite the following legend:

LIGHTS, BEACONS, BUOYS, AND DANGERS CORRECTED FOR
INFORMATION RECEIVED TO DATE OF ISSUE (DATE)

Other dates, although of less importance, are necessary for the identification of the chart and should be understood. The

authority note gives the dates (years) of the surveys (made by the United States Coast and Geodetic Survey unless otherwise stated) from which the chart has been compiled and reads:

AUTHORITIES

Topography by the United States Coast and Geodetic Survey in (date).

Hydrography by the United States Coast and Geodetic Survey to (date).

Supplemented by surveys in dredged channels by the United States Engineers to (date).

When a **new nautical chart** is issued, the date (month and year) is printed in the **publication note**:

PUBLISHED AT WASHINGTON, D. C., OR MANILA, P. I. (DATE)
BY THE UNITED STATES COAST AND GEODETIC SURVEY

L. O. COLBERT, *Director*

This note is located in a central position below the border and remains unchanged until extensive corrections accumulate. The date is then changed and the chart reissued as a **new edition**. Mariners are accordingly warned against using obsolete charts.

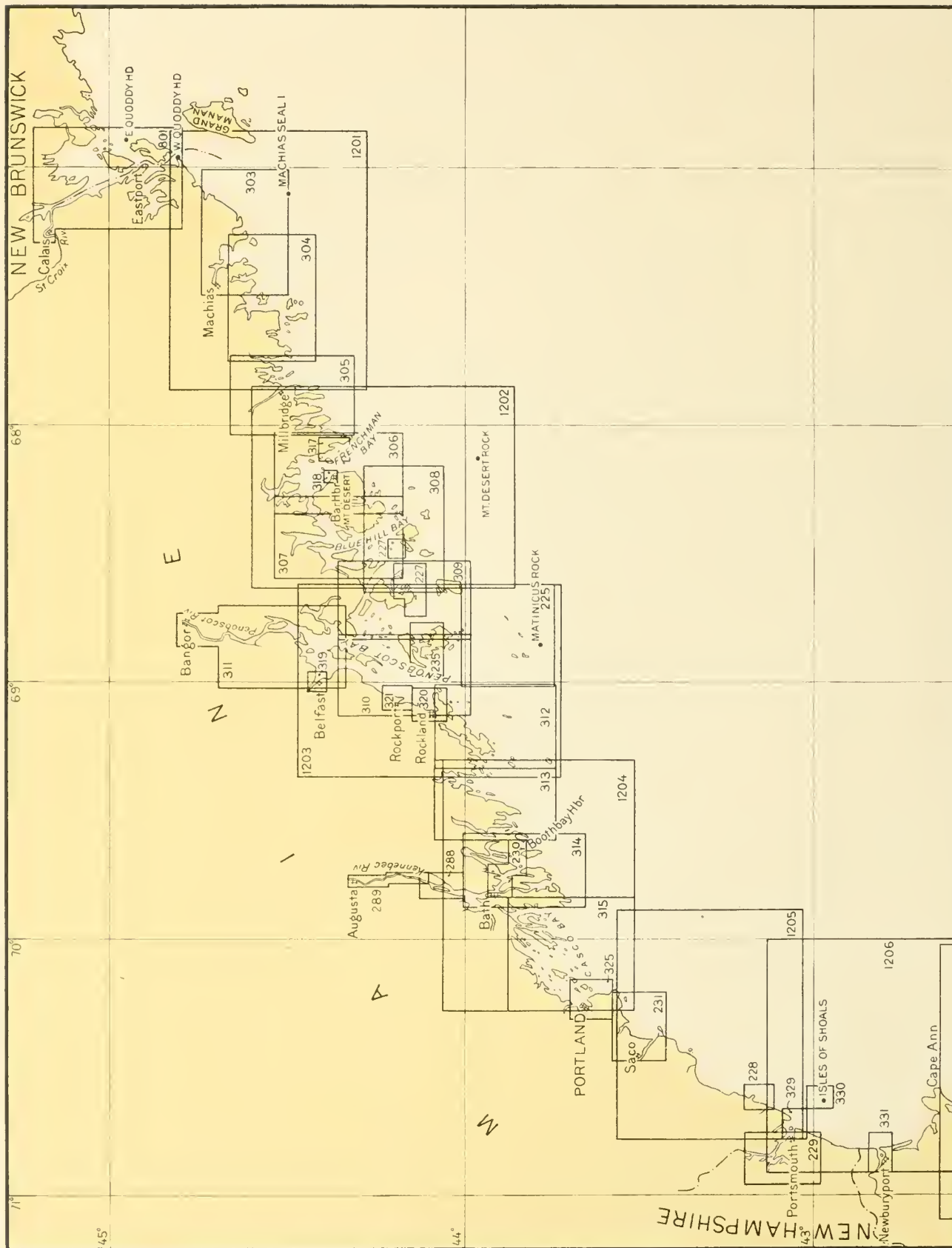
When a correction, not of sufficient importance to require a new edition, is made to a chart plate, the year, month, and day are noted below the border in the left-hand corner of the chart in the following manner: 19-6/30, 7/22, 20-2/3, 5/27.

All important corrections occurring subsequent to the date of issue are announced in the weekly **Notice to Mariners** and should be immediately applied by hand by the chart purchaser.

The other notes on the chart should be read, as they may relate to navigation aids or to dangers which can not be clearly charted. Other details which can not be shown on nautical charts, appear in **United States Coast Pilots** or **Intracoastal Waterway Pilots** for the area covered.

SAILING AND GENERAL CHARTS OF THE ATLANTIC AND GULF COASTS

No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
SAILING CHARTS					
1000	\$0.75	Cape Sable to Cape Hatteras.....	1:1,200,000	33×41	Dec. 1938
1001	.75	Chesapeake Bay to Straits of Florida.....	1:1,198,000	33×41	July 1932
1002	.75	Straits of Florida and approaches.....	1:1,197,000	33×41	June 1933
1007	.75	Gulf of Mexico.....	1:2,195,000	34×42	June 1933
70	.75	West Quoddy Head to New York.....	1:684,000	34×44	Jan. 1935
GENERAL CHARTS					
50	.75	Cape Elizabeth to Cape Cod.....	1:210,220	28×44	Sept. 1934
77	.75	Chesapeake Bay, northern part.....	1:200,000	32×35	Oct. 1936
78	.75	Chesapeake Bay, southern part.....	1:200,000	31×32	Mar. 1930
1106	.75	Bay of Fundy to Cape Cod.....	1:384,000	34×44	June 1933
1107	.75	Georges Bank and Nantucket Shoals.....	1:391,000	32×46	Mar. 1934
1108	.75	Approaches to New York, Nantucket Shoals to Five Fathom Bank.....	1:400,000	32×47	Jan. 1939
1109	.75	Cape May to Cape Hatteras.....	1:415,000	31×44	Dec. 1938
1110	.75	Cape Hatteras to Charleston Light.....	1:433,000	31×44	Sept. 1929
1111	.75	Charleston Light to Cape Canaveral.....	1:450,000	31×43	Jan. 1932
1112	.75	Cape Canaveral to Key West.....	1:470,000	29×45	Aug. 1932
1113	.75	Habana to Tampa Bay.....	1:471,000	29×43	Mar. 1933
1114	.75	Tampa Bay to Cape San Blas.....	1:456,000	29×32	Apr. 1934
1115	.75	Cape St. George to Mississippi Passes.....	1:456,000	32×39	Feb. 1925
1116	.75	Mississippi River to Galveston.....	1:459,000	34×48	Dec. 1939
1117	.75	Galveston to the Rio Grande.....	1:461,000	35×41	Mar. 1919
1350	.75	Florida Keys, Fowey Rocks to American Shoal.....	1:180,000	33×37	May 1922
1351	.75	Florida Keys, American Shoal to Dry Tortugas.....	1:180,000	25×38	Feb. 1940
SPECIAL CHARTS FOR FISHING INDUSTRY					
3075	.75	Georges Bank, eastern part.....	1:220,000	33×40	July 1932
3076	.75	Georges Bank, western part.....	1:220,000	35×41	July 1934

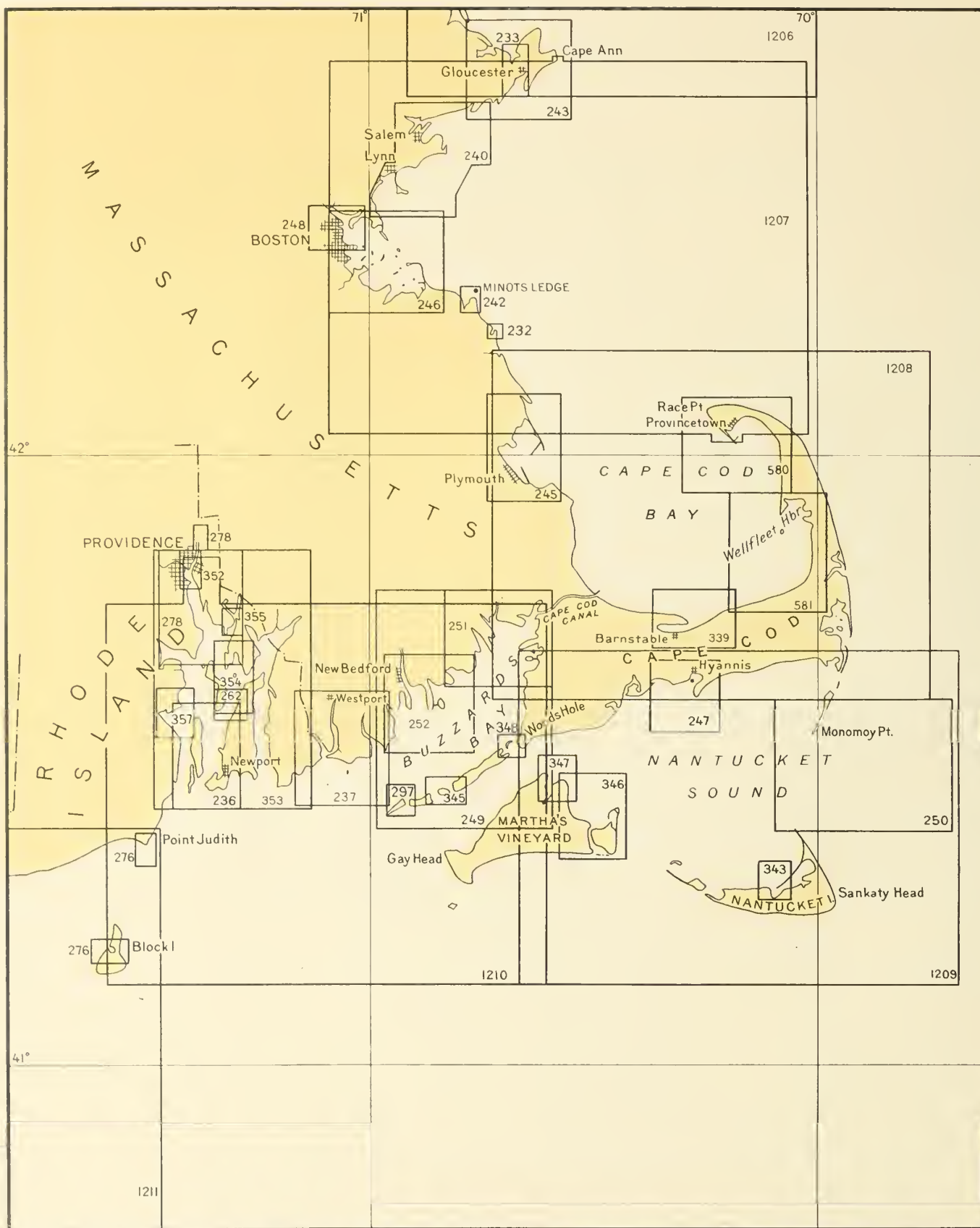


C. & G. S. Print

COAST AND HARBOR CHARTS OF THE ATLANTIC COAST

COAST AND HARBOR CHARTS OF THE ATLANTIC COAST

No.	Price	TITLE	State	Approximate scale	Size of border (inches)	Date
NEW ENGLAND AREA						
225	\$0.50	Approach to Penobscot Bay.....	Maine.....	1:40,000	30×33	May 1915
		Matineus Harbor.....	do.....	1:5,000		
227	.25	Deer Island Thorofare and Casco Passage.....	do.....	1:20,000	19×33	Oct. 1927
228	.25	Cape Neddick Harbor to York River.....	do.....	1:20,000	16×18	Sept. 1936
229	.50	Portsmouth to Dover and Exeter.....	Me. and N. H.....	1:30,000	23×33	Nov. 1914
230	.50	Boothbay Harbor to Bath.....	Maine.....	1:15,000	26×33	Jan. 1922
231	.75	Saco Bay and vicinity.....	do.....	1:20,000	29×40	June 1929
235	.25	Fox Islands Thorofare.....	do.....	1:20,000	20×32	Oct. 1914
288	.50	Kennebec River, Abagadasset Point to Court House Point.....	do.....	1:15,000	21×34	Oct. 1916
289	.50	Kennebec River, Court House Point to Augusta.....	do.....	1:15,000	22×34	Mar. 1917
303	.75	Moose Cove to Englishman Bay, including Machias Bay.....	do.....	1:40,000	28×39	June 1919
304	.75	Cross Island to Nasb Island.....	do.....	1:40,000	27×40	June 1926
305	.75	Nasb Island to Seboodic Island.....	do.....	1:40,000	25×39	Mar. 1931
306	.75	Frenchmans Bay and eastern part of Mount Desert Island.....	do.....	1:40,000	26×40	Aug. 1926
307	.75	Blue Hill Bay and western part of Mount Desert Island.....	do.....	1:40,000	25×40	May 1926
308	.75	Blue Hill Bay and Eggemoggin Reach.....	do.....	1:40,000	26×39	Oct. 1931
309	.75	East Penobscot Bay.....	do.....	1:40,000	25×40	Nov. 1931
310	.75	West Penobscot Bay.....	do.....	1:40,000	26×40	Aug. 1937
311	.75	Penobscot River.....	do.....	1:40,000	26×41	June 1932
312	.75	St. George River and Muske Ridge Channel.....	do.....	1:40,000	26×38	July 1929
313	.75	Damariscotta and Medomak Rivers.....	do.....	1:40,000	26×39	July 1933
314	.75	Kennebec and Sheepscot Rivers.....	do.....	1:40,000	24×39	Feb. 1935
315	.75	Casco Bay.....	do.....	1:40,000	35×41	Apr. 1933
317	.25	Winter Harbor.....	do.....	1:20,000	15×19	Sept. 1919
318	.25	Bar Harbor, Mount Desert Island.....	do.....	1:10,000	13×16	Dec. 1938
319	.25	Belfast Harbor.....	do.....	1:20,000	12×14	May 1917
320	.25	Rockland Harbor.....	do.....	1:20,000	21×22	July 1937
321	.25	Harbors of Camden and Rockport.....	do.....	1:20,000	15×18	Sept. 1933
325	.50	Portland Harbor.....	do.....	1:20,000	26×29	July 1936
329	.50	Portsmouth Harbor.....	Me. and N. H.....	1:10,000	30×33	Aug. 1923
330	.25	Isles of Shoals.....	do.....	1:20,000	15×18	Jan. 1930
331	.25	Newburyport Harbor.....	Massachusetts.....	1:20,000	17×25	July 1939
801	.75	Calais to West Quoddy Head.....	Maine.....	1:40,000	31×46	Dec. 1919
1201	.75	Quoddy Roads to Petit Manan Island.....	do.....	1:80,000	31×41	Apr. 1921
1202	.75	Frenchman and Blue Hill Bays, and approaches.....	do.....	1:80,000	32×41	May 1932
1203	.75	Penobscot Bay and approaches.....	do.....	1:80,000	32×42	June 1936
1204	.75	Monbegan Island to Cape Elizabeth.....	do.....	1:80,000	31×40	Dec. 1931
1205	.75	Cape Elizabeth to Portsmouth.....	Me. and N. H.....	1:80,000	30×37	Dec. 1930
1206	.75	Portsmouth to Cape Ann.....	N. H. and Mass.....	1:80,000	32×38	Sept. 1929

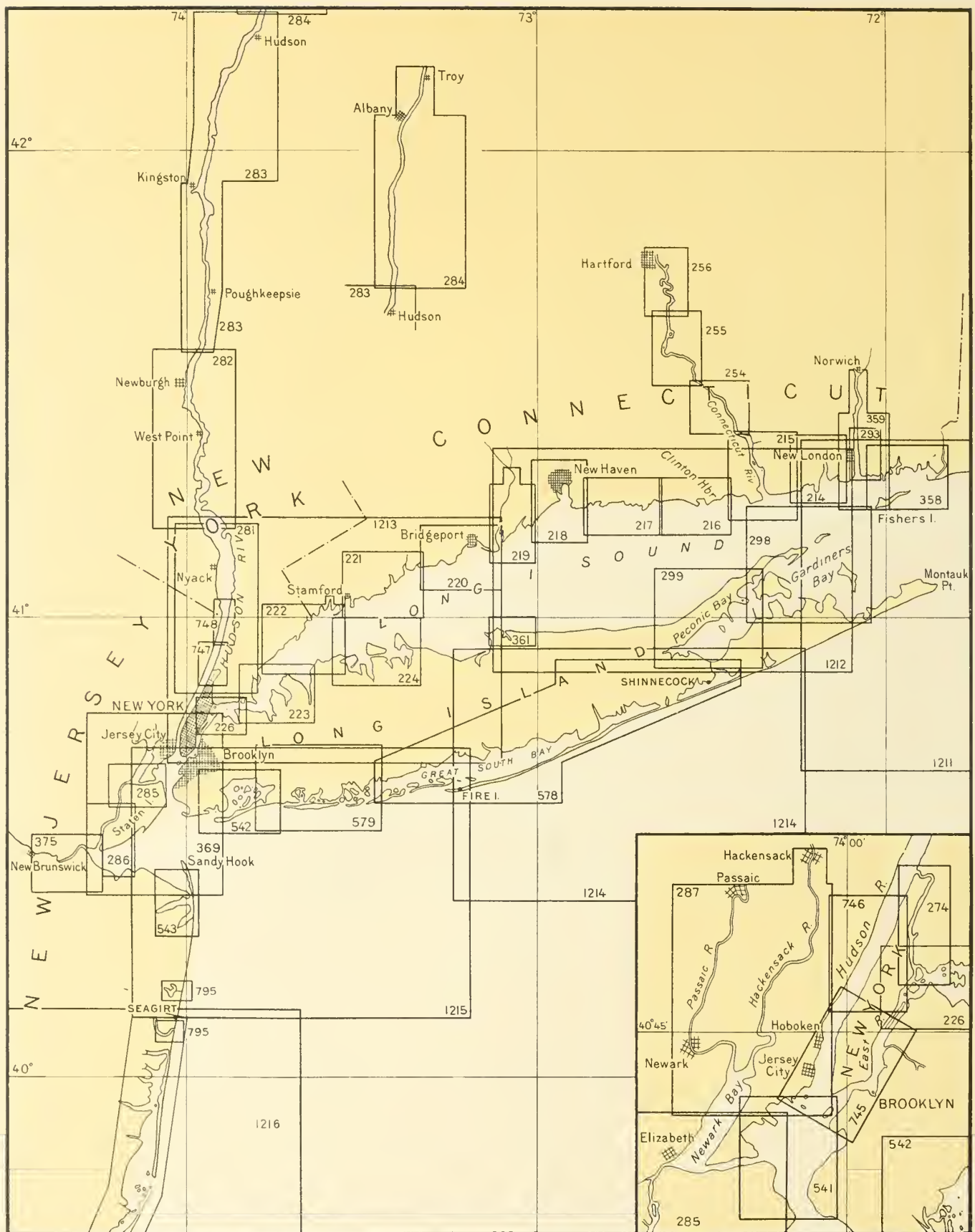


COAST AND HARBOR CHARTS OF THE ATLANTIC COAST – CONTINUED

C & G S Print

COAST AND HARBOR CHARTS OF THE ATLANTIC COAST—Continued

No.	Price	TITLE	State	Approximate scale	Size of border (inches)	Date
NEW ENGLAND AREA—continued						
232	\$0.25	Scituate Harbor.....	Massachusetts.....	1:5,000	16×20	Oct. 1936
233	.50	Gloucester Harbor and Annisquam River.....	do.....	1:10,000	22×42	July 1938
236	.50	Newport Harbor and entrance to Narragansett Bay.....	Rhode Island.....	1:20,000	25×37	Aug. 1937
237	.75	Westport River and approaches.....	do.....	1:20,000	35×43	Apr. 1937
240	.75	Salem and Lynn Harbors.....	Massachusetts.....	1:20,000	35×42	Feb. 1936
242	.50	Cobasset Harbor.....	do.....	1:5,000	26×31	July 1939
243	.75	Ipswich Bay to Gloucester Harbor.....	do.....	1:20,000	34×39	July 1938
		Rockport Inner Harbor.....		1:5,000		
245	.75	Harbors of Plymouth, Kingston, and Duxbury.....	Massachusetts.....	1:20,000	28×38	Apr. 1932
246	.75	Boston Harbor.....	do.....	1:20,000	34×44	May 1936
247	.50	Hyannis Harbor.....	do.....	1:20,000	26×27	Sept. 1933
248	.75	Boston Inner Harbor.....	do.....	1:10,000	33×41	May 1939
249	.75	Buzzards Bay.....	do.....	1:40,000	33×43	July 1937
250	.50	Eastern entrance to Nantucket Sound.....	do.....	1:40,000	25×34	Feb. 1938
251	.75	Head of Buzzards Bay.....	do.....	1:20,000	33×41	Sept. 1938
252	.75	New Bedford Harbor and approaches.....	do.....	1:20,000	34×35	June 1937
262	.25	Narragansett Bay Eastern Passage, Carrs Point to Sandy Point.....	Rhode Island.....	1:10,000	22×23	Feb. 1933
276	.50	Harbors of Refuge at Point Judith and Block Island.....	do.....	1:10,000	20×44	Sept. 1935
278	.75	Providence River and Head of Narragansett Bay.....	do.....	1:20,000	31×38	Aug. 1937
		Seekonk River, Continuation to Pawtucket.....		1:20,000		
297	.25	Cuttybunk Harbor.....	Massachusetts.....	1:10,000	19×22	June 1939
339	.25	Barnstable Harbor.....	do.....	1:20,000	16×23	June 1937
343	.50	Nantucket Harbor.....	do.....	1:10,000	25×30	Apr. 1936
345	.25	Robinsons Hole and Quicks Hole.....	do.....	1:10,000	19×25	Oct. 1922
346	.50	Edgartown Harbor (Martha's Vineyard).....	do.....	1:20,000	25×32	Apr. 1936
347	.50	Vineyard Haven, Martha's Vineyard.....	do.....	1:10,000	27×36	Aug. 1937
348	.25	Woods Hole.....	do.....	1:10,000	14×21	Jan. 1936
352	.25	Providence Harbor.....	Rhode Island.....	1:10,000	16×20	Oct. 1935
353	.75	Narragansett Bay.....	do.....	1:40,000	31×46	June 1937
354	.25	Bristol Harbor and approaches.....	do.....	1:20,000	14×27	Jan. 1934
355	.25	Warren River.....	do.....	1:10,000	15×20	Aug. 1932
357	.25	Wickford Harbor (Narragansett Bay).....	do.....	1:20,000	15×18	Aug. 1935
580	.75	Provincetown Harbor.....	Massachusetts.....	1:20,000	33×42	Apr. 1934
581	.25	Wellfleet Harbor.....	do.....	1:40,000	21×25	Mar. 1936
1207	.75	Massachusetts Bay.....	do.....	1:80,000	34×44	June 1935
1208	.75	Cape Cod Bay.....	do.....	1:80,000	32×41	Nov. 1936
1209	.75	Nantucket Sound and Approaches.....	do.....	1:80,000	31×42	Nov. 1933
1210	.75	Martha's Vineyard to Block Island, including Buzzards and Narragansett Bays.....	Mass. and R. I.....	1:80,000	34×42	Mar. 1937
1211	.75	Block Island Sound and approaches.....	R. I., Conn., and N. Y.....	1:80,000	34×40	Mar. 1936

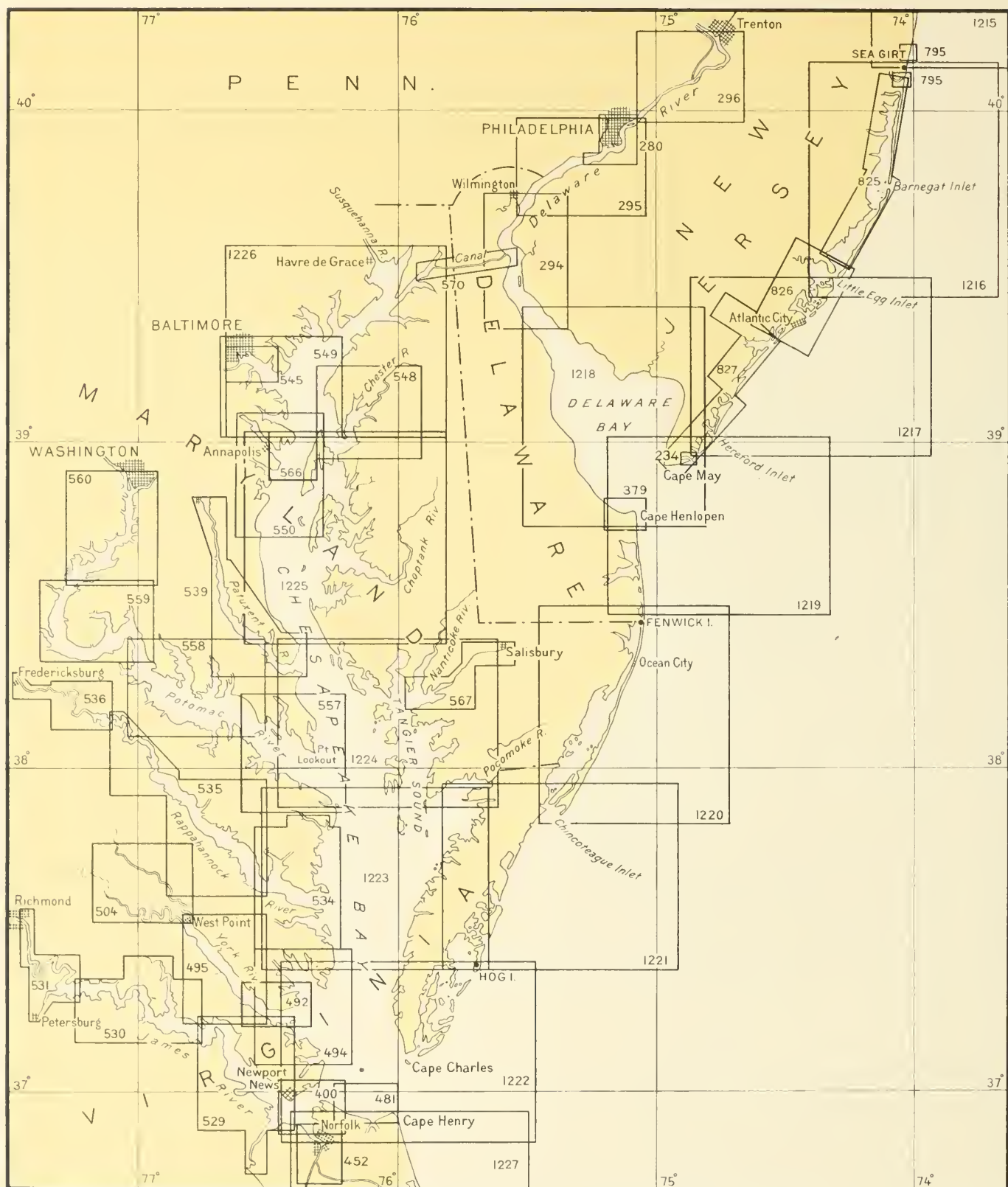


COAST AND HARBOR CHARTS OF THE ATLANTIC COAST – CONTINUED

C & G S. Print

COAST AND HARBOR CHARTS OF THE ATLANTIC COAST—Continued

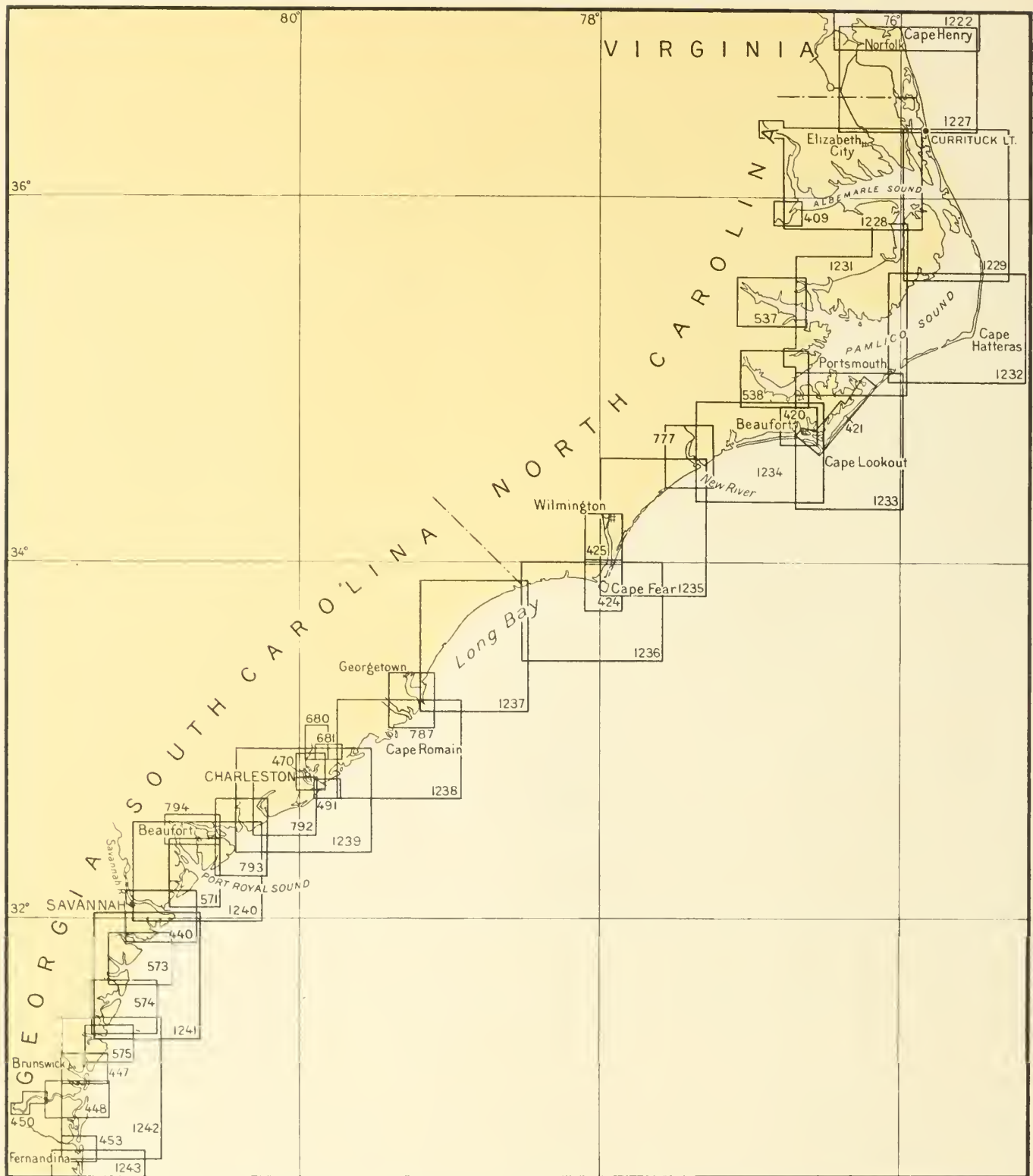
No.	Price	TITLE	State	Approximate scale	Size of border (inches)	Date
LONG ISLAND AREA						
214	\$0.50	Gosben Point to Hatchett Point, including Niantic Bay.....	Connecticut.....	1:20,000	28×31	Aug. 1939
215	.75	Connecticut River, entrance to Deep River.....	do.....	1:20,000	33×40	June 1937
216	.50	Duck Island to Madison Reef.....	do.....	1:20,000	26×35	Aug. 1938
217	.50	Guilford Harbor to East Haven River.....	do.....	1:20,000	27×37	July 1938
218	.75	New Haven Harbor.....	do.....	1:20,000	28×37	Apr. 1940
219	.50	Milford to Stratford including Housatonic River.....	do.....	1:20,000	22×36	Apr. 1939
220	.75	Stratford to Sherwood Point.....	do.....	1:20,000	32×40	Oct. 1938
221	.75	Sherwood Point to Stamford Harbor.....	do.....	1:20,000	32×39	June 1939
222	.75	Greenwich Point to New Rochelle.....	Conn. and N. Y.....	1:20,000	33×43	June 1939
223	.75	Long Island Sound and East River (Hempstead Harbor to Tallman Is.).....	L. I., N. Y.....	1:20,000	28×36	June 1939
224	.75	Oyster and Huntington Bays.....	do.....	1:20,000	33×43	Oct. 1932
226	.75	East River, Tallman Island to Queensboro Bridge.....	do.....	1:10,000	30×44	Mar. 1939
254	.50	Connecticut River, Deep River to Higganum.....	Connecticut.....	1:20,000	26×29	Apr. 1938
255	.50	Connecticut River, Higganum to Rocky Hill.....	do.....	1:20,000	24×37	July 1937
256	.50	Connecticut River, Rocky Hill to Hartford.....	do.....	1:20,000	20×36	Sept. 1937
274	.25	Harlem River.....	New York.....	1:10,000	16×41	July 1939
281	.50	Hudson River—New York to Haverstraw.....	N. Y. and N. J.....	1:40,000	20×41	June 1935
282	.50	Hudson River—Haverstraw to Newburgh.....	New York.....	1:40,000	20×43	Nov. 1935
283	.75	Hudson River—Poughkeepsie to Hudson.....	do.....	1:40,000	30×41	Aug. 1936
284	.50	Hudson River—Coxsackie to Troy.....	do.....	1:40,000	20×41	Aug. 1935
285	.75	Kill Van Kull and Northern Part of Arthur Kill.....	N. Y. and N. J.....	1:15,000	32×37	Oct. 1938
286	.75	Raritan Bay and Southern Part of Arthur Kill.....	do.....	1:15,000	29×44	Mar. 1939
287	.75	Passaic and Hackensack Rivers.....	New Jersey.....	1:20,000	28×41	Jan. 1940
293	.75	New London Harbor and Naval Reservation.....	Connecticut.....	1:10,000	30×45	July 1937
		Thames River—New London to Naval Reservation.....	do.....	1:5,000		
298	.50	Gardiners Bay, Long Island.....	New York.....	1:40,000	29×31	Oct. 1935
299	.25	Peconic Bay, Long Island.....	do.....	1:40,000	25×27	Nov. 1935
		Mattituck Inlet.....	do.....	1:10,000		
358	.75	Fishers Island Sound.....	R. I., Conn., and N. Y.....	1:20,000	28×41	June 1937
359	.75	Thames River—Harbor of New London and approaches.....	Connecticut.....	1:20,000	25×42	June 1935
361	.75	Port Jefferson and Mount Sinai Harbors.....	New York.....	1:10,000	29×39	May 1937
369	.75	New York Harbor.....	N. Y. and N. J.....	1:40,000	34×44	Feb. 1940
375	.50	Raritan River, Raritan Bay to New Brunswick.....	New Jersey.....	1:20,000	25×34	Sept. 1937
541	.75	New York Harbor, Upper Bay and Narrows (anchorage chart).....	N. Y. and N. J.....	1:10,000	34×44	Apr. 1939
542	.75	Jamaica Bay and Rockaway Inlet.....	New York.....	1:20,000	31×40	Jan. 1940
543	.50	Shrewsbury River.....	New Jersey.....	1:20,000	22×32	Aug. 1937
578	.75	Inland Waters, Shinnecock Bay to Great South Bay.....	L. I., N. Y.....	1:40,000	34×45	Sept. 1939
579	.25	Hempstead Bay.....	do.....	1:40,000	20×30	June 1938
745	.75	Hudson and East Rivers from West 67th Street to Blackwells Island.....	N. Y. and N. J.....	1:10,000	31×46	Mar. 1939
746	.75	Hudson River, Days Point to Fort Washington Point.....	do.....	1:10,000	28×41	Apr. 1939
747	.75	Hudson River, Fort Washington Point to Yonkers.....	do.....	1:10,000	25×44	Apr. 1939
748	.75	Hudson River—Yonkers to Piermont.....	do.....	1:10,000	22×45	Aug. 1932
795	.50	Shark and Manasquan Rivers.....	New Jersey.....	1:10,000	24×34	May 1937
1211	.75	Block Island Sound and approaches.....	R. I., Conn., and N. Y.....	1:80,000	34×40	Mar. 1936
1212	.75	Long Island Sound, eastern part.....	Conn. and N. Y.....	1:80,000	28×44	Sept. 1936
1213	.75	Long Island Sound, western part.....	do.....	1:80,000	30×40	May 1940
1214	.75	Sbinnecock Light to Fire Island Light.....	New York.....	1:80,000	31×43	Mar. 1940
1215	.75	Approaches to New York, Fire Island Light to Sea Girt Light.....	N. Y. and N. J.....	1:80,000	33×41	May 1938



COAST AND HARBOR CHARTS OF THE ATLANTIC COAST—CONTINUED

COAST AND HARBOR CHARTS OF THE ATLANTIC COAST—Continued

No.	Price	TITLE	State	Approximate scale	Size of border (inches)	Date
CHESAPEAKE AND DELAWARE BAYS AREA						
234	\$0.25	Cape May Harbor.....	New Jersey.....	1:10,000	18×25	Oct. 1938
280	.75	Philadelphia and Camden waterfronts.....	Pa. and N. J.....	1:15,000	34×41	May 1937
294	.75	Delaware River—Bomhay Hook to Wilmington.....	N. J. and Del.....	1:40,000	29×45	Oct. 1934
295	.75	Delaware River—Wilmington to Philadelphia.....	N. J. and Pa.....	1:40,000	32×43	Mar. 1940
296	.50	Delaware River—Philadelphia to Trenton.....	do.....	1:40,000	28×33	July 1936
		Trenton.....	do.....	1:20,000		
379	.25	Cape Henlopen and the Delaware Breakwater.....	Delaware.....	1:20,000	21×27	Jan. 1938
400	.75	Hampton Roads.....	Virginia.....	1:20,000	34×41	Nov. 1931
452	.75	Norfolk Harbor and Elizabeth River.....	do.....	1:20,000	33×41	Dec. 1938
481	.75	Cape Henry to Thimble Shoal Light.....	do.....	1:20,000	29×43	Apr. 1936
492	.75	York River, Below Kings Creek.....	do.....	1:20,000	32×46	Mar. 1938
494	.75	York River, entrance to Yorktown.....	do.....	1:40,000	32×41	Feb. 1933
495	.75	York River, Yorktown to Westpoint.....	do.....	1:40,000	31×40	Aug. 1931
504	.75	Pamunkey and Mattaponi Rivers.....	do.....	1:40,000	34×41	Mar. 1936
529	.75	James River, Newport News to Jamestown.....	do.....	1:40,000	34×40	Aug. 1937
530	.50	James River, Jamestown Island to Jordan Point.....	do.....	1:40,000	21×41	Aug. 1932
531	.75	James River, Jordan Point to Richmond.....	do.....	1:20,000	31×41	Apr. 1938
534	.75	Rappahannock River Entrance and Great Wicomico River.....	do.....	1:40,000	33×42	Apr. 1933
535	.75	Rappahannock River—Towles Point to Marsh Point.....	do.....	1:40,000	33×40	Oct. 1932
536	.75	Rappahannock River—Marsh Point to Fredericksburg.....	do.....	1:20,000	32×41	Sept. 1935
539	.75	Patuxent River.....	Maryland.....	1:40,000	32×38	Sept. 1934
545	.75	Baltimore Harbor.....	do.....	1:15,000	30×40	Sept. 1939
548	.75	Chester River.....	do.....	1:40,000	33×34	Dec. 1935
		Kent Island Narrows.....	do.....	1:10,000		
549	.75	Approaches to Baltimore Harbor.....	do.....	1:40,000	33×39	May 1938
550	.75	Chesapeake Bay—Herring Bay to Magothy River.....	do.....	1:40,000	29×43	June 1935
557	.75	Potomac River, entrance to Piney Point.....	Md. and Va.....	1:40,000	35×40	Sept. 1930
558	.75	Potomac River, Piney Point to Lower Cedar Point.....	do.....	1:40,000	34×45	Aug. 1935
559	.75	Potomac River, Lower Cedar Point to Mattawoman Creek.....	do.....	1:40,000	30×39	July 1935
560	.75	Potomac River, Mattawoman Creek to Georgetown.....	Md., Va., and D. C.....	1:40,000	29×40	Dec. 1936
		Washington Harbor.....	do.....	1:20,000		
566	.75	Chesapeake Bay—Thomas Point to Sandy Point.....	Maryland.....	1:20,000	32×34	Aug. 1935
567	.75	Wicomico River.....	do.....	1:20,000	34×44	July 1934
570	.50	Chesapeake and Delaware Canal.....	Md. and Del.....	1:20,000	22×34	May 1938
795	.50	Shark and Manasquan Rivers.....	New Jersey.....	1:10,000	24×34	May 1937
INTRACOASTAL WATERWAY CHARTS (NEW JERSEY COAST)						
825	.25	Manasquan Inlet to Little Egg Harbor.....	New Jersey.....	1:40,000	22×34	May 1940
826	.25	Little Egg Harbor to Longport.....	do.....	1:40,000	22×34	Apr. 1940
827	.25	Longport to Cape May.....	do.....	1:40,000	22×34	May 1940
1216	.75	Sea Girt Light to Little Egg Inlet.....	New Jersey.....	1:80,000	33×39	Jan. 1940
1217	.75	Little Egg Inlet to Hereford Inlet.....	do.....	1:80,000	32×41	Nov. 1939
		Ahsecon Inlet.....	do.....	1:40,000		
1218	.75	Delaware Bay.....	N. J. and Del.....	1:80,000	31×38	July 1937
1219	.75	Cape May to Fenwick Island Light.....	do.....	1:80,000	32×38	Nov. 1939
1220	.75	Fenwick Island Light to Chincoteague Inlet.....	Md. and Va.....	1:80,000	33×38	May 1937
1221	.75	Chincoteague Inlet to Hog Island Light.....	Virginia.....	1:80,000	31×41	June 1937
1222	.75	Chesapeake Bay Entrance.....	do.....	1:80,000	33×43	May 1937
1223	.75	Chesapeake Bay—Wolf Trap to Smith Point.....	Md. and Va.....	1:80,000	31×39	Mar. 1932
1224	.75	Chesapeake Bay—Smith Point to Cove Point.....	do.....	1:80,000	30×41	Jan. 1934
1225	.75	Chesapeake Bay—Cove Point to Sandy Point.....	Maryland.....	1:80,000	35×38	July 1935
1226	.75	Chesapeake Bay—Sandy Point to Head of Bay.....	do.....	1:80,000	34×38	July 1938

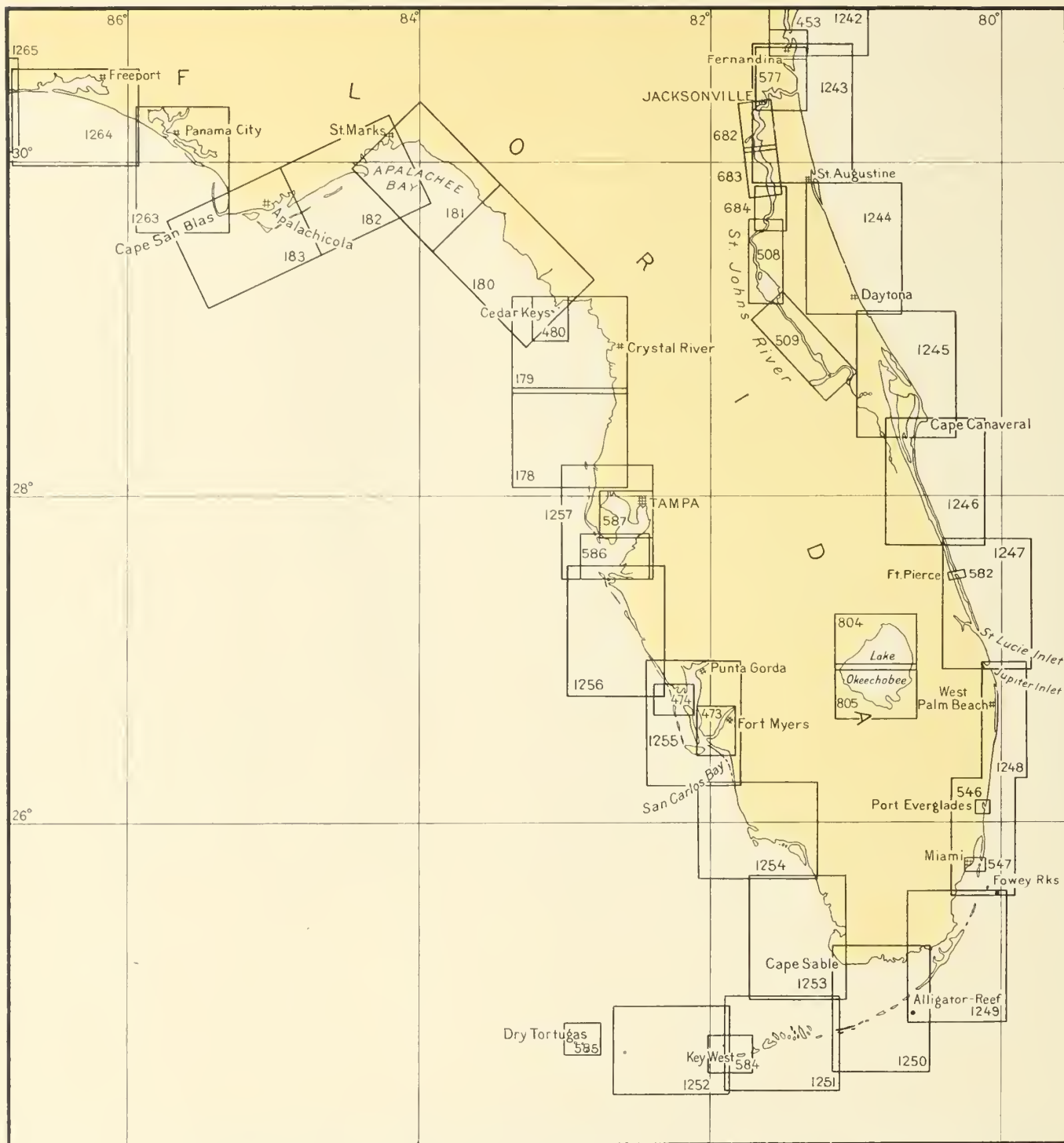


COAST AND HARBOR CHARTS OF THE ATLANTIC COAST - CONTINUED

C. & G. S. Print

COAST AND HARBOR CHARTS OF THE ATLANTIC COAST—Continued

No.	Price	TITLE	State	Approximate scale	Size of border (inches)	Date
VIRGINIA TO GEORGIA						
409	.25	Mouths of Roanoke River.....	North Carolina.....	1:30,000	19×21	Aug. 1929
420	.25	Beaufort Inlet.....	do.....	1:40,000	23×24	Feb. 1937
421	.25	Core Sound and Straits.....	do.....	1:40,000	20×34	Aug. 1938
424	.50	Cape Fear River from entrance to Reaves Point.....	do.....	1:40,000	25×30	July 1938
425	.50	Cape Fear River from Reaves Point to Wilmington.....	do.....	1:40,000	25×31	May 1938
440	.75	Savannah River and Wassaw Sound.....	S. C. and Ga.....	1:40,000	33×44	May 1938
447	.25	St. Simon Sound, Brunswick Harbor, and Turtle River.....	Georgia.....	1:40,000	19×34	Feb. 1937
448	.50	St. Andrew Sound.....	do.....	1:40,000	24×46	Nov. 1938
450	.50	Satilla River, Hopewell Point to Burnt Fort.....	do.....	1:20,000	17×43	Jan. 1939
453	.50	Fernandina Harbor.....	Florida.....	1:20,000	25×39	Nov. 1939
470	.75	Charleston Harbor.....	South Carolina.....	1:20,000	33×42	Apr. 1936
491	.50	Charleston Harbor Entrance.....	do.....	1:20,000	27×36	Dec. 1936
537	.75	Pamlico River.....	North Carolina.....	1:40,000	30×41	Sept. 1937
538	.75	Neuse River and upper part of Bay River.....	do.....	1:40,000	34×42	Feb. 1939
571	.75	Port Royal Sound and inland passages.....	South Carolina.....	1:40,000	33×42	Oct. 1936
573	.75	Ossabaw Sound and St. Catherines Sound.....	Georgia.....	1:40,000	31×43	Oct. 1937
574	.75	Sapelo and Dohoy Sounds.....	do.....	1:40,000	33×43	Nov. 1938
575	.25	Altamaha Sound.....	do.....	1:40,000	19×31	Mar. 1938
680	.75	Cooper River above Goose Creek.....	South Carolina.....	1:20,000	29×44	Feb. 1931
681	.25	Wando River, Upper Part.....	do.....	1:20,000	14×26	Jan. 1938
777	.75	New River.....	North Carolina.....	1:40,000	29×39	Apr. 1935
787	.50	Winyah Bay.....	South Carolina.....	1:40,000	28×34	Oct. 1938
792	.75	Stono and North Edisto Rivers.....	do.....	1:40,000	34×40	Apr. 1938
793	.75	St. Helena Sound.....	do.....	1:40,000	30×43	Sept. 1937
794	.25	Parts of Coosaw and Broad Rivers.....	do.....	1:40,000	19×36	Jan. 1937
1227	.75	Cape Henry to Currituck Beach Light.....	Va. and N. C.....	1:80,000	32×41	Oct. 1937
1228	.75	Albemarle Sound.....	North Carolina.....	1:80,000	31×42	May 1937
1229	.75	Currituck Beach to Wimble Shoals.....	do.....	1:80,000	32×46	June 1939
1231	.75	Pamlico Sound, western part.....	do.....	1:80,000	34×42	Nov. 1938
1232	.75	Cape Hatteras, Wimble Shoals to Ocracoke Inlet.....	do.....	1:80,000	32×42	Dec. 1928
1233	.75	Portsmouth Island to Beaufort, including Cape Lookout Shoals.....	do.....	1:80,000	34×42	June 1939
		Lookout Bight.....	do.....	1:20,000		
1234	.75	Cape Lookout to New River.....	North Carolina.....	1:80,000	31×39	Mar. 1940
1235	.75	New River Inlet to Cape Fear.....	do.....	1:80,000	33×42	Mar. 1935
1236	.75	Approaches to Cape Fear River.....	do.....	1:80,000	31×44	Jan. 1938
1237	.75	Little River Inlet to Winyah Bay Entrance.....	South Carolina.....	1:80,000	33×41	Apr. 1938
1238	.75	Winyah Bay Entrance to Isle of Palms.....	do.....	1:80,000	32×42	May 1938
1239	.75	Charleston Harbor and Approaches.....	do.....	1:80,000	32×43	Apr. 1939
1240	.75	St. Helena Sound to Savannah River.....	S. C. and Ga.....	1:80,000	33×41	July 1939
1241	.75	Tybee Island to Doboy Sound.....	Georgia.....	1:80,000	33×40	July 1939
1242	.75	Doboy Sound to Fernandina.....	Georgia and Florida.....	1:80,000	33×41	Apr. 1940



COAST AND HARBOR CHARTS OF THE ATLANTIC AND GULF COASTS

C & G S. Print

COAST AND HARBOR CHARTS OF THE ATLANTIC AND GULF COASTS

No.	Price	TITLE	State	Approximate scale	Size of border (inches)	Date
GEORGIA AND FLORIDA COASTS						
178	\$0.75	St. Joseph Sound to Wall Creek, including Anclote Anchorage.....	Florida.....	1:80,000	34×40	June 1928
179	.75	Wall Creek to Cedar Keys.....	do.....	1:80,000	34×40	Jan. 1931
180	.75	Cedar Keys to Deadman's Bay.....	do.....	1:80,000	33×43	Dec. 1930
181	.75	Apalachee Bay.....	do.....	1:80,000	33×42	Apr. 1940
182	.75	Apalachee Bay and St. George Sound.....	do.....	1:80,000	33×41	Nov. 1939
183	.75	Apalachicola Bay to Cape San Blas.....	do.....	1:80,000	33×41	June 1933
453	.50	Fernandina Harhor.....	Florida and Georgia.....	1:20,000	25×39	Nov. 1939
473	.50	San Carlos Bay and Caloosahatchee River.....	Florida.....	1:40,000	28×35	Apr. 1930
474	.25	Main entrance to Charlotte Harhor.....	do.....	1:40,000	22×27	July 1933
480	.25	Cedar Keys.....	do.....	1:50,000	19×26	Dec. 1930
508	.50	St. Johns River, Palatka to Lake George.....	do.....	1:40,000	27×33	June 1927
509	.50	St. Johns River, Lake George to Lake Harney.....	do.....	1:40,000	32×33	Oct. 1928
546	.75	Port Everglades.....	do.....	1:5,000	32×37	Dec. 1936
547	.75	Miami Harbor.....	do.....	1:10,000	24×45	Mar. 1936
577	.75	Fernandina to Jacksonville.....	do.....	1:40,000	33×41	Mar. 1938
582	.25	Fort Pierce Harbor.....	do.....	1:10,000	14×28	Mar. 1938
584	.75	Key West Harbor and approaches.....	do.....	1:30,000	34×42	Fch. 1940
585	.50	Dry Tortugas.....	do.....	1:30,000	28×34	Dec. 1922
		Tortugas Harhor.....		1:10,000		
586	.75	Tampa Bay, Southern Part.....	Florida.....	1:40,000	30×42	Mar. 1935
587	.75	Tampa Bay, Northern Part.....	do.....	1:40,000	32×36	Dec. 1936
		St. Petersburg.....		1:20,000		
		Tampa.....		1:20,000		
682	.25	St. Johns River, from Jacksonville to Hibernia.....	Florida.....	1:40,000	21×32	Apr. 1927
683	.25	St. Johns River, from Hibernia to Racy Point.....	do.....	1:40,000	21×32	Oct. 1900
684	.25	St. Johns River, East Tocol to San Mateo.....	do.....	1:40,000	21×29	Aug. 1939
804	.75	Lake Okeechobee, Northern Half.....	do.....	1:50,000	29×43	Aug. 1937
805	.75	Lake Okeechobee, Southern Half.....	do.....	1:50,000	29×43	Aug. 1937
1243	.75	Amelia Island to St. Augustine.....	do.....	1:80,000	32×45	Feb. 1940
1244	.75	St. Augustine Light to Ponce de Leon Inlet Light.....	do.....	1:80,000	32×45	Feb. 1930
1245	.75	Ponce de Leon Inlet to Cape Canaveral.....	do.....	1:80,000	33×43	Sept. 1931
1246	.75	Cape Canaveral to Bethel Shoal.....	do.....	1:80,000	33×43	July 1932
1247	.75	Bethel Shoal to Jupiter Inlet.....	do.....	1:80,000	33×45	July 1932
1248	.75	Jupiter Inlet to Fowey Rocks.....	do.....	1:80,000	33×38	Aug. 1937
1249	.75	Fowey Rocks to Alligator Reef.....	do.....	1:80,000	33×45	Nov. 1937
1250	.75	Florida Keys, Alligator Reef to Sombrero Key.....	do.....	1:80,000	34×41	Feb. 1940
1251	.75	Florida Keys, Sombrero Key to Sand Key.....	do.....	1:80,000	33×42	June 1940
1252	.75	Sand Key to Rehecca Shoal.....	do.....	1:80,000	31×41	July 1933
1253	.75	East Cape to Mormon Key.....	do.....	1:80,000	33×42	May 1932
1254	.75	Chatham River to Clam Pass.....	do.....	1:80,000	32×42	Oct. 1931
1255	.75	Estero Bay to Lemon Bay, including Charlotte Harhor.....	do.....	1:80,000	32×42	Nov. 1929
1256	.75	Lemon Bay to Passage Key Inlet.....	do.....	1:80,000	32×44	May 1940
1257	.75	Tampa Bay and St. Joseph Sound.....	do.....	1:80,000	33×40	June 1935
1263	.75	St. Joseph and St. Andrew Bays.....	do.....	1:80,000	32×43	Mar. 1940
1264	.75	Choctawhatchee Bay.....	do.....	1:80,000	31×42	May 1939

COAST AND HARBOR CHARTS OF THE GULF COAST

No.	Price	TITLE	State	Approximate scale	Size of border (inches)	Date
PENSACOLA TO THE RIO GRANDE						
413	.50	Pensacola Bay Entrance.....	Florida.....	1:10,000	27×36	May 1937
490	.75	Pensacola Bay.....	do.....	1:30,000	33×41	Sept. 1937
517	.75	Sabine Pass and Lake.....	Louisiana and Texas.....	1:40,000	25×44	Aug. 1939
520	.50	Galveston Bay Entrance.....	Texas.....	1:30,000	20×35	July 1939
533	.50	Sabine and Neches Rivers.....	do.....	1:40,000	17×42	Oct. 1939
588	.75	Houston Ship Channel, Atkinson Island to Alexander Island.....	do.....	1:10,000	30×41	Jan. 1937
589	.75	Houston Ship Channel, Alexander Island to Carpenter Bayou.....	do.....	1:10,000	32×34	Mar. 1937
590	.75	Houston Ship Channel, Carpenter Bayou to Houston.....	do.....	1:10,000	32×44	Dec. 1933
591	.75	Calcasieu Lake.....	Louisiana.....	1:40,000	27×42	Oct. 1935
592	.50	Lake Charles to Sabine River.....	do.....	1:40,000	27×33	Oct. 1935
593	.50	Freeport Harbor.....	Texas.....	1:20,000	27×33	Dec. 1939
1050	.50	New Orleans to Calcasieu River (east section).....	Louisiana.....	1:175,000	33×38	Oct. 1939
1051	.50	New Orleans to Calcasieu River (west section).....	do.....	1:175,000	21×42	Oct. 1939
1265	.75	Pensacola Bay and approaches.....	Florida.....	1:80,000	31×42	Nov. 1937
1266	.75	Mobile Bay and Entrance.....	Alabama.....	1:80,000	32×41	Mar. 1940
		Mobile Ship Channel, northern end.....	do.....	1:25,000		
1267	.75	Mississippi Sound and approaches, Dauphin Island to Cat Island.....	Ala. and Miss.....	1:80,000	27×41	Sept. 1933
1268	.75	Lake Borgne and approaches, Cat Island to Point Aux Herbes.....	Miss. and La.....	1:80,000	30×40	Dec. 1933
1269	.75	Lake Pontchartrain and Maurepas.....	Louisiana.....	1:80,000	30×42	May 1940
1270	.75	Chandeleur and Breton Sounds.....	do.....	1:80,000	32×43	Feb. 1924
1271	.75	Mississippi River, Buras to New Orleans.....	do.....	1:80,000	31×37	Apr. 1939
1272	.75	Mississippi River Delta.....	do.....	1:80,000	33×42	Oct. 1935
1273	.75	Barataria Bay and approaches.....	do.....	1:80,000	33×41	May 1938
1274	.75	Timbalier and Terrebonne Bays.....	do.....	1:80,000	33×42	July 1938
1275	.75	Isles Dernieres to Point au Fer.....	do.....	1:80,000	33×42	May 1938
1276	.75	Point au Fer to Marsh Island.....	do.....	1:80,000	31×44	Mar. 1939
1277	.75	Vermillion Bay and approaches.....	do.....	1:80,000	33×44	Nov. 1938
1278	.75	Rollover Bayou to Calcasieu Pass.....	do.....	1:80,000	33×43	Jan. 1937
1279	.75	Calcasieu Pass to Sabine Pass.....	Louisiana and Texas.....	1:80,000	33×42	Dec. 1937
1280	.75	Sabine Bank to East Bay, including Heald Bank.....	Texas.....	1:80,000	31×42	Feb. 1939
1282	.75	Galveston Bay and approaches.....	do.....	1:80,000	32×43	Apr. 1940
1283	.75	San Luis Pass to Matagorda Bay.....	do.....	1:80,000	32×44	Apr. 1940
1284	.75	Matagorda Bay and approaches.....	do.....	1:80,000	32×42	Apr. 1939
1285	.75	Matagorda Light to Aransas Pass.....	do.....	1:80,000	33×42	Mar. 1937
1286	.75	Aransas Pass to Baffin Bay.....	do.....	1:80,000	32×39	July 1936
		Aransas Pass.....	do.....	1:40,000		
1287	.75	Northern part of Laguna Madre.....	do.....	1:80,000	32×41	Jan. 1923
1288	.75	Southern part of Laguna Madre.....	do.....	1:80,000	32×41	Dec. 1933



INTRACOASTAL WATERWAYS (INSIDE ROUTE) CHARTS – NORFOLK TO KEY WEST

CHARTS COVERING THE INTRACOASTAL WATERWAY (INSIDE ROUTE)—NEW YORK TO KEY WEST

Arranged in order of progression southward

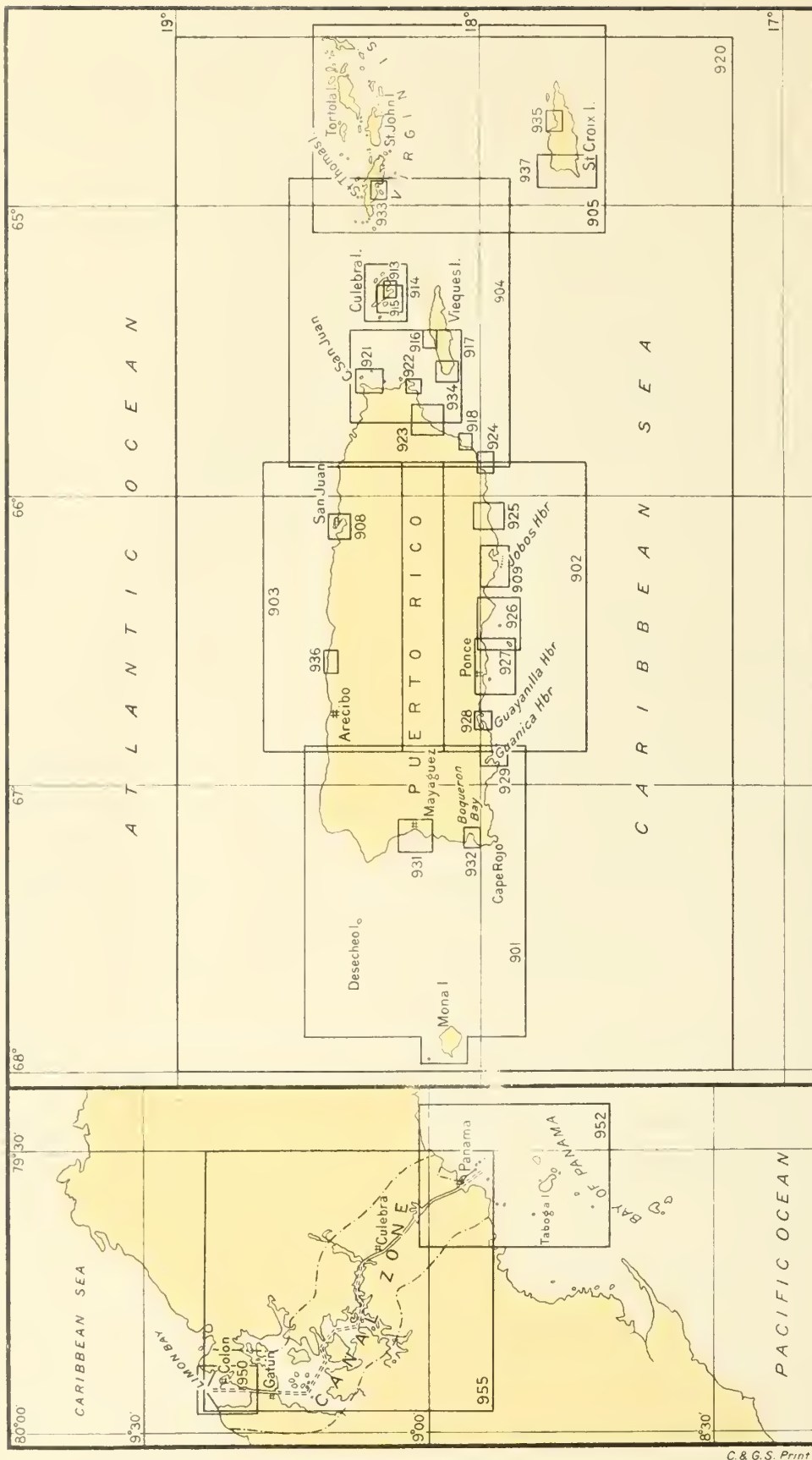
See Intracoastal Waterway (Inside Route) Pilots, listed on page 52

NEW YORK TO NORFOLK

No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
The following coast and harbor charts, listed with others on pp. 9, and 11, are relisted here as those best suited for this section of the route. For diagrams see pp. 2, 8, and 10.					
369	\$0.75	New York Harbor, N. Y. and N. J.	1:40,000	34×44	Feb. 1940
1215	.75	Approaches to New York, Fire Island Light to Sea Girt Light, N. Y. and N. J.	1:80,000	33×41	May 1938
825	.25	Manasquan Inlet to Little Egg Harbor	1:40,000	22×34	May 1940
826	.25	Little Egg Harbor to Longport	1:40,000	22×34	Apr. 1940
827	.25	Longport to Cape May	1:40,000	22×34	May 1940
1218	.75	Delaware Bay, N. J. and Del.	1:80,000	31×38	July 1937
294	.75	Delaware River—Bombay Hook to Wilmington, N. J. and Del.	1:40,000	29×45	Oct. 1934
570	.50	Chesapeake and Delaware Canal, Md. and Del.	1:20,000	22×34	May 1938
1226	.75	Chesapeake Bay—Sandy Point to Head of Bay, Md.	1:80,000	34×38	July 1938
1225	.75	Chesapeake Bay—Cove Point to Sandy Point, Md.	1:80,000	35×38	July 1935
1224	.75	Chesapeake Bay—Smith Point to Cove Point, Md. and Va.	1:80,000	30×41	Jan. 1934
1223	.75	Chesapeake Bay—Wolf Trap to Smith Point, Md. and Va.	1:80,000	31×39	Mar. 1932
1222	.75	Chesapeake Bay Entrance, Va.	1:80,000	33×43	May 1937

NORFOLK TO KEY WEST

No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
The following series of Intracoastal Waterway (Inside Route) charts shows the route in strips of convenient widths, with 3 strips to each sheet.					
829	\$0.25	Dismal Swamp Canal, Norfolk to Albemarle Sound, Va. and N. C.	1:40,000	22×34	May 1938
830	.25	Norfolk to North River, Va. and N. C.	1:40,000	22×34	Apr. 1938
831	.25	North River to Alligator River, Pungo River Canal, N. C.	1:40,000	22×34	Oct. 1937
832	.25	Alligator River, Pungo River Canal to Neuse River, N. C.	1:40,000	22×34	Jan. 1938
833	.25	Neuse River to New River Inlet, N. C.	1:40,000	22×34	Sept. 1937
834	.25	New River Inlet to Southport, N. C.	1:40,000	22×34	Feb. 1936
835	.25	Southport to Longitude 78°58' N. C. and S. C.	1:40,000	22×34	Jan. 1936
836	.25	Longitude 78°58' to McClellanville, S. C.	1:40,000	22×34	Sept. 1937
837	.25	McClellanville to Wadmalaw River, S. C.	1:40,000	22×34	Dec. 1936
838	.25	Wadmalaw River to Port Royal Sound, S. C.	1:40,000	22×34	May 1936
839	.25	Port Royal Sound to Johnson Creek, S. C. and Ga.	1:40,000	22×34	Dec. 1938
840	.25	Johnson Creek to Brunswick River, Ga.	1:40,000	22×34	May 1937
841	.25	Brunswick River to Nassau Sound, Ga. and Fla.	1:40,000	22×34	Apr. 1937
842	.25	Nassau Sound to Matanzas Inlet, Fla.	1:40,000	22×34	Sept. 1938
843	.25	Matanzas Inlet to Mosquito Lagoon, Fla.	1:40,000	22×34	Nov. 1938
844	.25	Mosquito Lagoon to Eau Gallie, Fla.	1:40,000	22×34	June 1939
845	.25	Eau Gallie to Walton, Fla.	1:40,000	22×34	June 1938
846	.25	Walton to Delray Beach, Fla.	1:40,000	22×34	Feb. 1938
847	.25	Delray Beach to Miami, Fla.	1:40,000	22×34	Jan. 1939
848	.25	Miami to Elliott Key, Fla.	1:40,000	23×34	Oct. 1939
849	.25	Elliott Key to Florida Bay, Fla.	1:40,000	22×34	Oct. 1939
3261	.25	Barnes Sound to Key West, Fla.	1:80,000	22×34	Oct. 1937
Charts showing more detail than the above are published for some sections of the route. Of these, the following listed on pp. 11, 13, and 15 are relisted here as especially valuable to supplement the special series. For diagrams see pp. 10, 12, and 14.					
452	.75	Norfolk Harbor and Elizabeth River, Va.	1:20,000	33×41	Dec. 1938
421	.25	Core Sound and Straits, N. C.	1:40,000	20×34	Aug. 1938
538	.75	Neuse River and upper part of Bay River, N. C.	1:40,000	34×42	Feb. 1939
420	.25	Beaufort Inlet, N. C.	1:40,000	23×24	Feb. 1937
440	.75	Savannah River and Wassaw Sound, S. C. and Ga.	1:40,000	33×44	May 1938
546	.75	Port Everglades, Fla.	1:5,000	32×37	Dec. 1936
547	.75	Miami Harbor, Fla.	1:10,000	34×45	Mar. 1936
577	.75	Fernandina to Jacksonville, Fla.	1:40,000	33×41	Mar. 1938
582	.75	Fort Pierce Harbor, Fla.	1:10,000	14×28	Mar. 1938
584	.75	Key West Harbor and approaches, Fla.	1:30,000	34×42	Feb. 1940
794	.25	Parts of Coosaw and Broad Rivers, S. C.	1:40,000	19×36	Jan. 1937



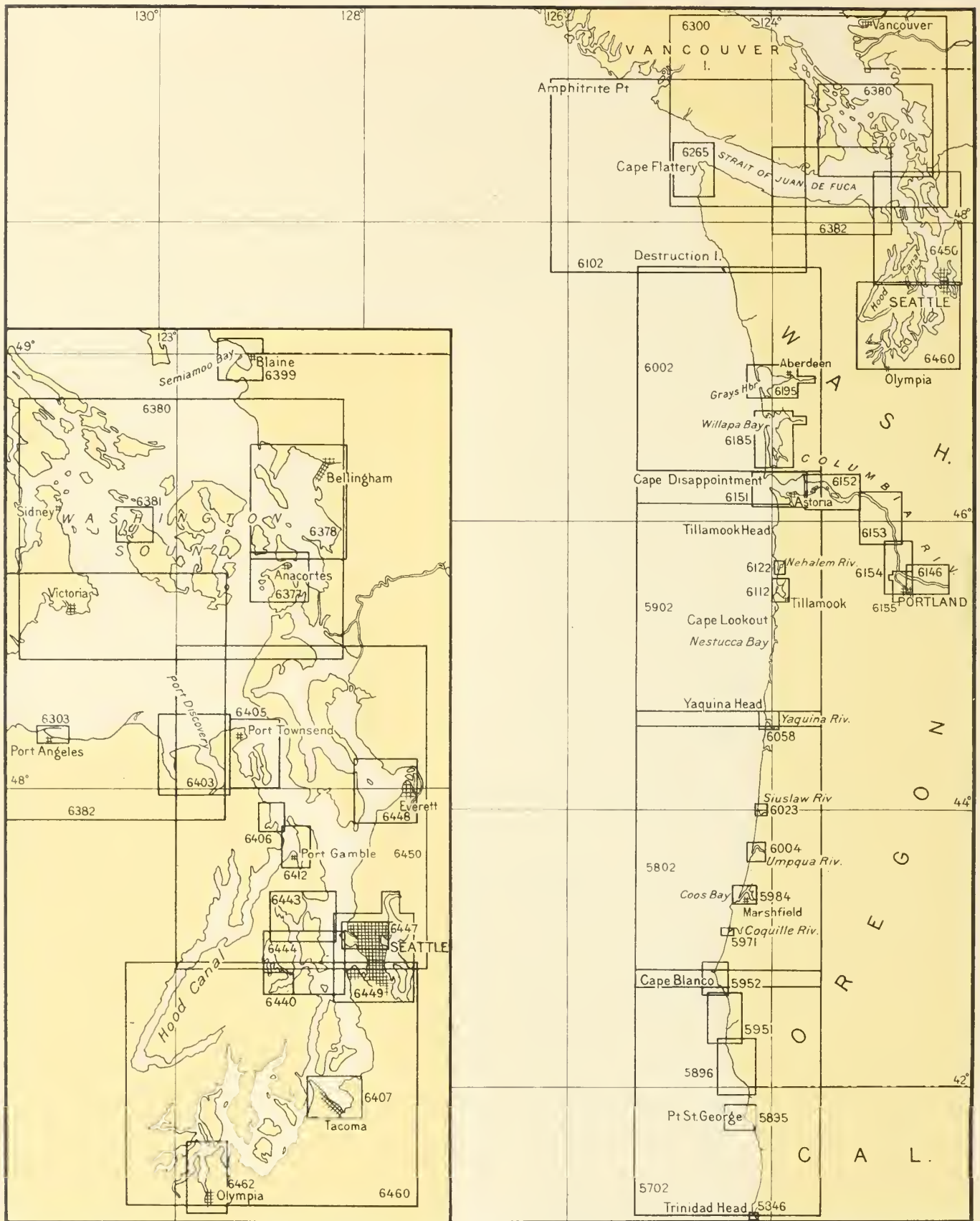
CHARTS OF PUERTO RICO, VIRGIN ISLANDS, AND THE CANAL ZONE

No.	Price	TITLE	Island	Approximate scale	Size of border (inches)	Date
GENERAL CHART						
920	\$0. 75	Puerto Rico and Virgin Islands (West Indies).....		1:325, 000	26×47	Apr. 1931
COAST AND HARBOR CHARTS OF PUERTO RICO AND VIRGIN ISLANDS						
901	. 75	West Coast of Puerto Rico.....		1:100, 000	33×43	Sept. 1910
902	. 75	South Coast of Puerto Rico, Guanica Light to Point Tuna Light.....		1:100, 000	31×43	Aug. 1929
903	. 75	North Coast of Puerto Rico, Point Penon to Point Vacia Talega.....		1:100, 000	31×42	Jan. 1930
		Port Arecibo.....		1:20, 000		
904	. 75	Virgin Passage and Vieques Sound.....		1:100, 000	31×42	Nov. 1930
905	. 75	Virgin Islands, Virgin Gorda to St. Thomas and St. Croix.....		1:100, 000	32×43	Feb. 1934
908	. 75	San Juan Harbor.....	Puerto Rico	1:10, 000	33×39	Oct. 1935
909	. 50	Jobos Harbor.....	do.	1:20, 000	29×33	Mar. 1909
913	. 75	Great Harbor.....	Culebra	1:6, 500	31×38	Nov. 1923
914	. 75	Culebra Island and approaches.....		1:20, 000	32×43	Dec. 1924
915	. 50	Target Bay and vicinity.....	Culebra	1:10, 000	25×37	Dec. 1923
916	. 25	Port Mulas and approaches.....	Vieques	1:10, 000	23×26	Nov. 1930
917	. 75	San Juan Passage to Port Humacao and western part of Vieques Island.....		1:40, 000	34×41	May 1930
918	. 25	Port Yabucoa.....	Puerto Rico	1:10, 000	19×20	Apr. 1938
921	. 75	Fajardo Harbor and approaches.....	do.	1:10, 000	32×41	Dec. 1930
922	. 25	Ensenada Honda.....	do.	1:10, 000	24×25	Feb. 1934
923	. 25	Point Lima to Batata Cay.....	do.	1:20, 000	22×24	Aug. 1929
924	. 25	Port Maunabo.....	do.	1:20, 000	19×20	Aug. 1929
925	. 25	Port Arroyo.....	do.	1:20, 000	20×26	June 1929
926	. 75	Point Petrona to Muertos Island.....	do.	1:20, 000	33×38	Nov. 1929
927	. 75	Ponce Harbor and approaches.....	do.	1:20, 000	33×39	Jan. 1933
928	. 75	Guayanilla Harbor.....	do.	1:10, 000	34×36	Nov. 1933
929	. 75	Guanica Harbor.....	do.	1:10, 000	31×36	Sept. 1921
931	. 75	Mayaguez Bay and approaches.....	do.	1:15, 000	31×35	Jan. 1933
932	. 25	Boqueron Bay.....	do.	1:10, 000	23×24	Jan. 1905
933	. 25	Harbor of St. Thomas.....	West Indies	1:10, 000	23×28	Mar. 1936
934	. 25	West Coast of Vieques Island.....	do.	1:10, 000	23×24	Oct. 1929
935	. 50	Christiansted Harbor.....	Saint Croix	1:10, 000	25×32	July 1929
936	. 50	Vicinity of Point Palmas Altas.....	Puerto Rico	1:10, 000	26×36	Oct. 1929
937	. 50	Frederiksted Road.....	Saint Croix	1:20, 000	24×36	June 1939
CHARTS OF THE CANAL ZONE						
950	. 75	Port of Cristobal, Panama Canal.....		1:15, 000	28×35	Oct. 1939
952	. 75	Approaches to Panama Canal, Pacific coast.....		1:40, 000	28×37	Apr. 1934
955	. 75	Panama Canal.....		1:60, 000	34×39	Oct. 1934
		Miraflores Lake.....		1:20, 000		

GENERAL, COAST, AND HARBOR CHARTS OF THE PACIFIC COAST

[Sailing Charts listed on page 27]

No.	Price	TITLE	State	Approximate scale	Size of border (inches)	Date
SAN DIEGO TO HUMBOLDT BAY						
5006	\$0. 25	Ventura.....	California.....	1:20, 000	19×19	Apr. 1935
5101	. 75	San Diego to Santa Rosa Island.....	do.....	1:235, 100	33×48	Feb. 1939
5101A	. 75	San Diego to Santa Rosa Island (shows submarine relief by depth curves in blue).....	do.....	1:235, 100	33×48	Feb. 1939
5105	. 75	San Diego Harbor.....	do.....	1:10, 000	34×44	Feb. 1937
5107	. 75	San Diego Bay.....	do.....	1:20, 000	33×37	Sept. 1938
5108	. 75	Newport Bay.....	do.....	1:10, 000	28×37	Oct. 1936
5110	. 75	Santa Barbara Island.....	do.....	1:20, 000	32×37	Mar. 1935
5111	. 75	San Clemente Island.....	do.....	1:40, 000	33×39	Aug. 1938
		Wilson Cove.....		1:5, 000		
		Northwest Harbor.....		1:20, 000		
5112	. 75	Santa Catalina Island.....	California.....	1:40, 000	27×38	Feb. 1936
5113	. 75	San Nicolas Island.....	do.....	1:40, 000	30×41	Jan. 1940
5114	. 50	Anacapa Passage.....	do.....	1:40, 000	22×37	Feb. 1937
		Prisoners Harbor.....		1:20, 000		
5115	. 75	Santa Cruz Channel.....	California.....	1:40, 000	27×42	May 1937
5116	. 75	San Miguel Passage.....	do.....	1:40, 000	28×39	Feb. 1937
		Cuyler Harbor.....		1:20, 000		
5117	. 75	Pyramid Cove and Approaches, San Clemente Island.....	California.....	1:15, 000	33×45	Apr. 1938
5118	. 50	San Clemente Island, northern part.....	do.....	1:20, 000	30×32	Apr. 1940
		Wilson Cove.....		1:5, 000		
5128	. 25	Catalina Harbor, Isthmus Cove and Avalon Bay.....	do.....	1:10, 000	22×27	Oct. 1935
5143	. 50	Los Angeles Harbor and vicinity.....	do.....	1:40, 000	25×37	Jan. 1936
5144	. 50	Santa Monica Bay.....	do.....	1:40, 000	22×34	Apr. 1939
5147	. 75	Los Angeles and Long Beach Harbors.....	do.....	1:12, 000	33×44	Jan. 1937
5202	. 75	Point Dume to Purisima Point.....	do.....	1:232, 000	30×46	May 1937
5261	. 25	Santa Barbara.....	do.....	1:20, 000	20×27	July 1939
5302	. 75	Point Conception to Point Sur.....	do.....	1:216, 000	31×44	June 1937
5386	. 25	San Luis Obispo Bay, Port San Luis.....	do.....	1:20, 000	17×26	Aug. 1937
5387	. 50	Estero Bay.....	do.....	1:40, 000	21×36	Mar. 1938
5402	. 75	Point Sur to San Francisco.....	do.....	1:210, 000	32×40	Aug. 1935
5403	. 75	Monterey Bay.....	do.....	1:50, 000	29×38	July 1935
5476	. 75	Pfeiffer Point to Cypress Point.....	do.....	1:40, 000	26×42	Mar. 1940
5502	. 75	San Francisco to Point Arena.....	do.....	1:208, 000	32×40	Feb. 1934
5520	. 25	Halfmoon Bay.....	do.....	1:20, 000	18×20	Feb. 1935
5525	. 50	Mare Island Strait.....	do.....	1:10, 000	23×35	June 1939
5527	. 75	San Joaquin River.....	do.....	1:40, 000	35×46	Mar. 1936
5528	. 75	Sacramento River—Andrus Island to Sacramento.....	do.....	1:40, 000	31×43	Jan. 1936
5531	. 75	San Francisco Bay, southern part.....	do.....	1:40, 000	33×41	Mar. 1934
5532	. 75	San Francisco Entrance.....	do.....	1:40, 000	33×41	Nov. 1937
5533	. 75	San Pablo Bay.....	do.....	1:40, 000	33×41	Jan. 1934
5534	. 75	Suisun Bay.....	do.....	1:40, 000	28×41	Apr. 1935
5535	. 75	San Francisco Bay, Candlestick Point to Angel Island, continuation to Oakland Airport.....	do.....	1:20, 000	34×44	Nov. 1937
5599	. 25	Drakes Bay.....	do.....	1:40, 000	19×30	Mar. 1934
5602	. 75	Point Arena to Trinidad Head.....	do.....	1:203, 000	32×46	Jan. 1938
		Rockport Landing.....		1:10, 000		
5603	. 75	Bodega and Tomales Bays.....	California.....	1:30, 000	33×42	Nov. 1934
5703	. 75	Greenwood to Fort Bragg.....	do.....	1:40, 000	27×43	Dec. 1936
		Russian Gulch Landing.....		1:10, 000		
		Fort Bragg Landing.....		1:10, 000		
		Greenwood Landing.....		1:10, 000		
		Approaches to Albion.....		1:10, 000		
5710	. 25	Caspar Anchorage and Mendocino Bay.....	California.....	1:10, 000	19×27	Aug. 1935
5773	. 25	Shelter Cove.....	do.....	1:15, 000	12×14	Mar. 1938
5795	. 50	Cape Mendocino and vicinity.....	do.....	1:40, 000	25×38	Mar. 1938
5832	. 50	Humboldt Bay.....	do.....	1:30, 000	25×30	Apr. 1938
INLAND CHART						
5001	. 75	Lake Tahoe.....	Calif.-Nev.....	1:40, 000	28×43	July 1923

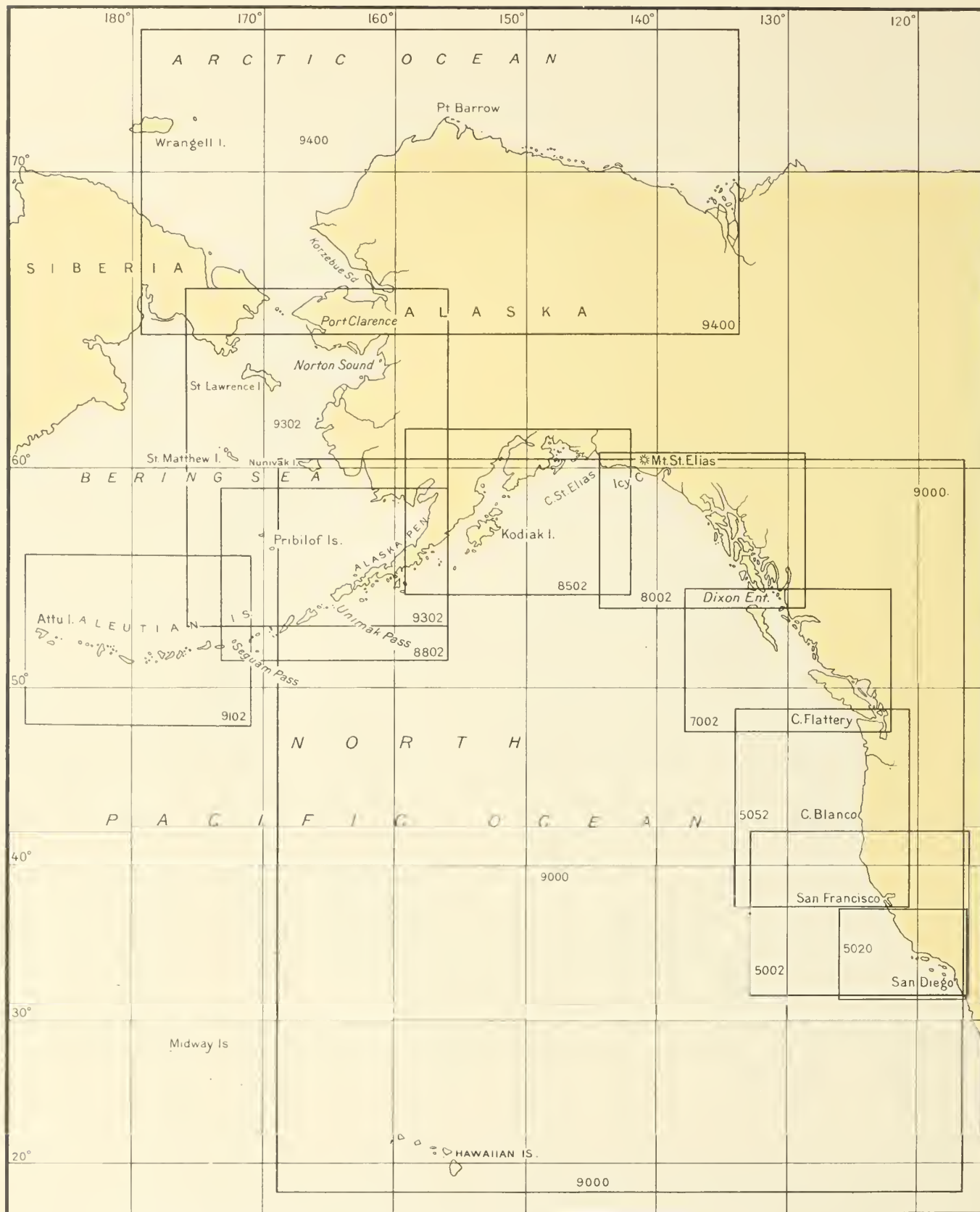


GENERAL, COAST AND HARBOR CHARTS OF THE PACIFIC COAST – CONTINUED

C. & G. S. Print

GENERAL, COAST, AND HARBOR CHARTS OF THE PACIFIC COAST—Continued

No.	Price	TITLE	State	Approximate scale	Size of border (inches)	Date
TRINIDAD HEAD TO VANCOUVER, B. C.						
5702	\$0.75	Trinidad Head to Cape Blanco.....	Calif. and Oreg.....	1:197,000	31×41	July 1930
5802	.75	Cape Blanco to Yaquina Head.....	Oregon.....	1:191,000	31×46	Dec. 1937
5846	.25	Trinidad Harbor.....	California.....	1:15,000	14×18	Oct. 1938
5895	.25	St. George Reef and Crescent City Harbor.....	do.....	1:40,000	24×25	Dec. 1939
		Crescent City Harbor.....		1:10,000		
5896	.75	Pyramid Point to Cape Sebastian.....	Oreg. and Calif.....	1:40,000	33×43	Nov. 1934
		Chetco Cove.....		1:10,000		
		Hunter Cove.....		1:10,000		
5902	.75	Yaquina Head to Columbia River.....	Oreg. and Wash.....	1:185,000	31×41	Apr. 1934
5951	.75	Cape Sebastian to Humbug Mountain.....	Oregon.....	1:40,000	29×41	Oct. 1934
5952	.25	Cape Blanco and Reef.....	do.....	1:40,000	21×27	Feb. 1935
5971	.25	Coquille River entrance.....	do.....	1:10,000	19×33	Aug. 1937
5984	.75	Coos Bay.....	do.....	1:20,000	29×38	June 1939
6002	.75	Columbia River to Destruction Island.....	Oreg. and Wash.....	1:181,000	32×39	Oct. 1939
6004	.25	Umpqua River, entrance bar to Reedsport.....	Oregon.....	1:20,000	24×28	Aug. 1939
6023	.25	Siuslaw River.....	do.....	1:20,000	17×18	Aug. 1938
6058	.50	Yaquina River and approaches.....	do.....	1:20,000	26×30	May 1939
6102	.75	Approaches to Strait of Juan de Fuca, Destruction Island to Amphitrite Point.....	Wash. and B. C.....	1:176,000	32×42	Mar. 1935
6112	.50	Tillamook Bay.....	Oregon.....	1:20,000	26×32	Nov. 1933
6122	.25	Nehalem River.....	do.....	1:20,000	16×19	Nov. 1938
6146	.50	Columbia River—Vancouver to Reed Island.....	Oreg. and Wash.....	1:40,000	23×34	Jan. 1940
6151	.75	Columbia River—Entrance to Harrington Point.....	do.....	1:40,000	25×41	Feb. 1939
6152	.75	Columbia River—Harrington Point to Crims Island.....	do.....	1:40,000	25×43	May 1939
6153	.75	Columbia River—Crims Island to Saint Helens.....	do.....	1:40,000	33×39	Apr. 1939
6154	.50	Columbia River—Saint Helens to Willamette River, including Vancouver and Portland.....	do.....	1:40,000	20×41	Apr. 1940
6155	.75	Port of Portland, including Vancouver.....	do.....	1:20,000	25×44	Apr. 1939
		Multnomah Channel, southern part.....		1:10,000		
6185	.75	Willapa Bay.....	Washington.....	1:40,000	30×43	July 1939
6195	.50	Grays Harbor and continuation of Chehalis River.....	do.....	1:40,000	25×39	June 1939
6265	.75	Cape Flattery.....	do.....	1:40,000	30×40	July 1934
6300	.75	Georgia Strait and Strait of Juan de Fuca.....	Wash. and B. C.....	1:200,000	28×42	Nov. 1934
6303	.25	Port Angeles, Strait of Juan de Fuca.....	Washington.....	1:10,000	19×31	Nov. 1934
6377	.25	Anacortes Harbor, Washington Sound.....	do.....	1:40,000	13×16	Sept. 1936
6378	.50	Bellingham Bay.....	do.....	1:40,000	26×31	June 1935
6380	.75	Strait of Juan de Fuca to Georgia Strait.....	Wash. and B. C.....	1:80,000	34×42	Apr. 1939
6381	.75	Roche Harbor and approaches.....	Washington.....	1:10,000	33×37	Aug. 1914
6382	.75	Strait of Juan de Fuca, Eastern Part.....	Wash. and B. C.....	1:80,000	32×44	Mar. 1939
6399	.25	Semiamoo Bay.....	Washington.....	1:30,000	14×16	Aug. 1925
6403	.25	Port Discovery and Washington Harbor.....	do.....	1:40,000	19×22	Jan. 1936
6405	.50	Port Townsend.....	do.....	1:20,000	26×36	Feb. 1938
6406	.25	Port Ludlow.....	do.....	1:10,000	23×26	Jan. 1937
6407	.50	Tacoma Harbor.....	do.....	1:15,000	26×36	June 1938
6412	.25	Port Gamble.....	do.....	1:20,000	16×23	Dec. 1936
6440	.25	Sinclair Inlet.....	do.....	1:10,000	23×32	June 1937
6443	.50	Port Orchard, northern part, Puget Sound.....	do.....	1:20,000	27×34	Aug. 1937
6444	.75	Port Orchard, southern part, Puget Sound.....	do.....	1:20,000	33×44	Jan. 1938
6447	.75	Lake Washington Ship Canal, Puget Sound to Lake Washington.....	do.....	1:10,000	29×44	May 1937
6448	.25	Everett Harbor and approaches.....	do.....	1:40,000	17×18	Mar. 1935
6449	.75	Seattle Harbor and Lake Washington.....	do.....	1:25,000	32×40	May 1937
6450	.75	Admiralty Inlet, and Puget Sound to Seattle.....	do.....	1:80,000	33×42	Oct. 1937
6460	.75	Puget Sound, Seattle to Olympia.....	do.....	1:80,000	32×39	June 1939
6462	.50	Olympia Harbor and Budd Inlet.....	do.....	1:20,000	20×37	July 1938



327-C & G S Print

SAILING CHARTS, PACIFIC COAST, AND SAILING AND HARBOR CHARTS, ALASKA

SAILING CHARTS, PACIFIC COAST AND ALASKA

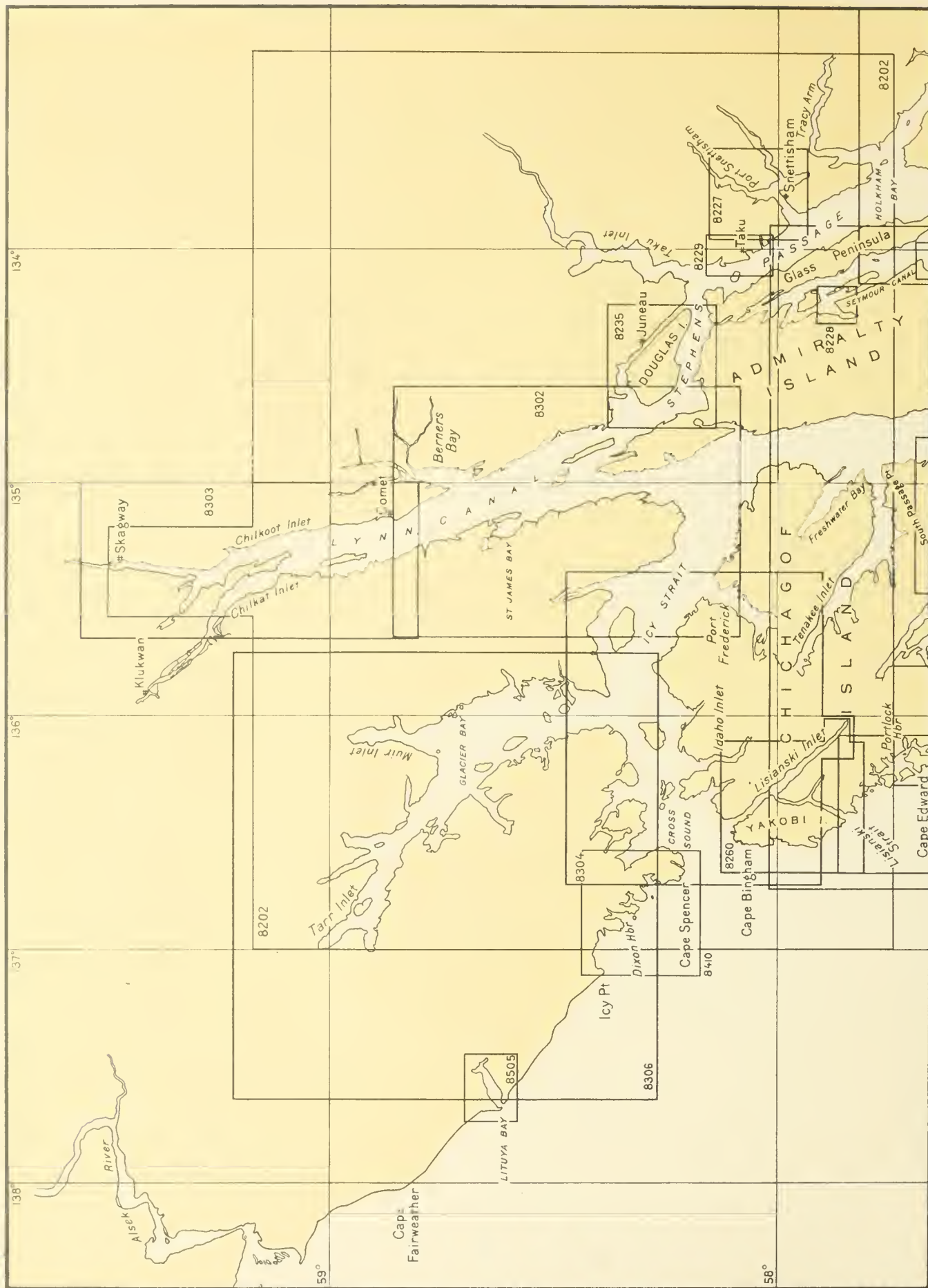
No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
SAILING CHARTS					
5002	\$0.75	San Diego to Point St. George.....	1:1,499,000	32×41	Nov. 1936
5020	.75	San Diego to Monterey.....	1:875,000	31×42	Mar. 1940
5052	.75	San Francisco to Cape Flattery.....	1:1,301,000	33×38	Nov. 1932
7002	.75	Cape Flattery to Dixon Entrance.....	1:1,198,000	29×40	Apr. 1940
8002	.75	Dixon Entrance to Cape St. Elias.....	1:1,000,000	31×40	June 1936
8502	.75	Cape St. Elias to Shumagin Islands.....	1:1,000,000	33×42	Aug. 1935
8802	.75	Alaska Peninsula and Aleutian Islands to Segum Pass.....	1:999,000	33×42	Dec. 1939
9000	.75	San Diego to Bering Sea and Hawaiian Islands.....	1:4,500,000	34×37	Apr. 1934
9102	.75	Aleutian Islands, Amukta Island to Attu Island.....	1:999,000	32×42	June 1937
9302	.75	Bering Sea, eastern part.....	1:1,600,000	30×38	June 1937
9400	.75	Arctic Coast of Alaska.....	1:1,600,000	26×44	July 1928

GENERAL CHARTS AND HARBOR CHARTS, ALASKA

No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
DIXON ENTRANCE TO SUMNER STRAIT					
8053	\$0.75	Portland Canal, Dixon Entrance to Hattie Island.....	1:80,000	31×43	July 1936
8054	.25	Portland Canal, north of Hattie Island.....	1:80,000	13×39	Apr. 1936
8074	.50	Harbors in Clarence Strait.....		22×39	June 1938
		Niblack Anchorage and Port Chester.....	1:20,000		
		Tamgas Harbor.....	1:40,000		
		Chasina Anchorage.....	1:10,000		
8075	.75	Revigligedo Channel.....	1:80,000	33×42	July 1936
8076	.25	Harbors in Clarence Strait.....		21×25	Sept. 1922
		North Arm of Molra Sound.....	1:20,000		
		Port Johnson and Dolomi Bay.....	1:20,000		
		Lyman Anchorage.....	1:10,000		
8078	.75	Behm Canal, eastern part.....	1:79,000	25×43	Mar. 1934
8079	.75	Behm Canal, western part.....	1:79,000	27×35	Dec. 1933
		Yes Bay.....	1:40,000		
8085	.25	Seal Cove, Nichols Passage.....	1:5,000	17×22	Mar. 1935
8094	.75	Tongass Narrows.....	1:30,000	32×36	Dec. 1931
8095	.75	Ketchikan Harbor.....	1:10,000	31×36	July 1934
8102	.75	Hecate Strait to Etolin Island, including Behm and Portland Canals.....	1:229,000	33×41	Mar. 1935
8120	.75	Harbors in southeastern Alaska.....		27×43	Apr. 1935
		Ryus Bay, Duke Island.....	1:10,000		
		Marble Passage, southern part and approaches, Davidson Inlet.....	1:20,000		
		Tokeen Bay Entrance, Davidson Inlet.....	1:20,000		
		Hunter Bay and approaches, Prince of Wales Island.....	1:20,000		
		Burnett Inlet, Etolin Island.....	1:20,000		
		Port Santa Cruz, Suemez Island.....	1:20,000		
		Rose Inlet, Dall Island.....	1:20,000		
		Nakat Harbor, Nakat Inlet.....	1:20,000		
8124	.50	Harbor charts, Clarence Strait and Behm Canal.....		28×28	Oct. 1932
		Naha, Tolstoi, and Union Bays.....	1:40,000		
		Ratz Harbor, Prince of Wales Island.....	1:10,000		
		Dewey Anchorage, Etolin Island.....	1:20,000		
8141	.75	Portland Inlet to Nakat Bay.....	1:40,000	32×38	Mar. 1938
8142	.75	Kasaan Bay.....	1:40,000	32×44	Mar. 1927
8145	.75	Kendrick Bay to Shipwreck Point, Prince of Wales Island.....	1:40,000	31×41	Feb. 1923
8146	.75	Southern part of Dall Island.....	1:40,000	28×38	May 1932
8147	.75	North end of Cordova Bay and Hetta Inlet.....	1:40,000	33×41	Aug. 1931
8148	.75	Central part of Dall Island.....	1:40,000	31×36	Feb. 1930
8151	.75	Northern part of Tlevak Strait and Ulloa Channel.....	1:40,000	30×41	Sept. 1929
8152	.75	Dixon Entrance to Chatham Strait.....	1:229,000	31×43	Mar. 1933
8153	.25	Tlevak and Sukkwan Narrows.....	1:20,000	12×21	Jan. 1932
8155	.75	Ulloa Channel to San Christoval Channel.....	1:40,000	30×36	Feb. 1932
		Continuation to the head of Big Salt Lake.....	1:40,000		
		North Entrance.....	1:10,000		
8157	.75	San Christoval Channel to Cape Lynch.....	1:40,000	32×40	June 1929
8158	.75	Baker, Noyes, and Lulu Islands and adjacent waters.....	1:40,000	32×43	Dec. 1923
8161	.75	Ernest Sound, Eastern Passage and Zimovia Strait.....	1:80,000	31×44	Oct. 1924
8171	.75	Davidson Inlet and Sea Otter Sound.....	1:40,000	31×41	Feb. 1932
8173	.75	Southern Entrances to Sumner Strait.....	1:40,000	31×45	Mar. 1939
8201	.75	Etolin Island to Midway Islands, including Sumner Strait.....	1:219,200	32×43	Feb. 1937

GENERAL CHARTS AND HARBOR CHARTS, ALASKA—Continued

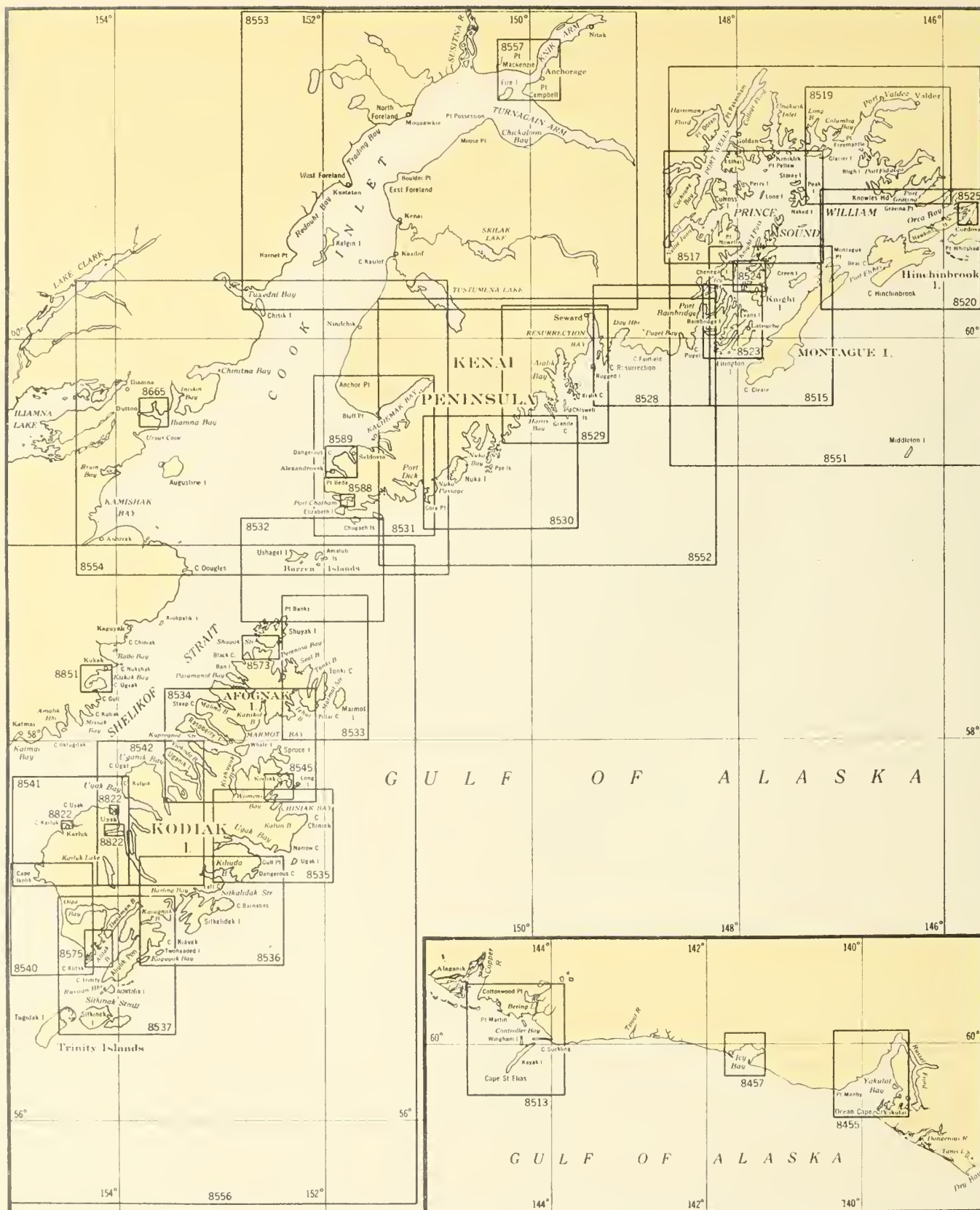
No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
CAPE DECISION TO CAPE BINGHAM					
8160	\$0.50	Zarembo Island and approaches.....	1:80,000	29×31	June 1931
8161	.75	Ernest Sound, Eastern Passage and Zimovia Strait.....	1:80,000	31×44	Oct. 1924
8162	.75	Lake Bay and Approaches, Clarence Strait.....	1:10,000	34×34	Jan. 1933
8164	.25	Steamer Bay, Wrangell Harbor, and Highfield Anchorage.....	1:20,000	18×29	Apr. 1939
		Steamer Bay, Etolin Island.....	1:10,000		
		Wrangell Harbor and Highfield Anchorage.....	1:20,000		
8168	.25	Red Bay, Prince of Wales Island.....	1:20,000	14×21	Dec. 1931
8170	.75	Wrangell Narrows.....	1:20,000	31×39	Jan. 1935
8172	.75	Shakan and Shipley Bays and part of El Capitan Passage.....	1:40,000	26×40	Mar. 1937
		El Capitan Passage, Dry Pass to Shakan Strait.....	1:10,000		
8174	.25	Port Protection, Prince of Wales Island.....	1:20,000	19×28	Dec. 1931
8179	.25	Port McArthur, Kuiu Island.....	1:10,000	25×25	Feb. 1901
8201	.75	Etolin Island to Midway Islands, including Sumner Strait.....	1:219,200	32×43	Feb. 1937
8210	.75	Thomas, Farragut, and Portage Bays.....	1:40,000	30×39	Oct. 1930
8214	.25	Saginaw and Security Bays.....	1:40,000	20×23	July 1909
8216	.50	Woewodski and Eliza Harbors, Fanebaw Bay and Cleveland Passage.....	1:20,000	26×27	Aug. 1920
8218	.50	Pybus, Hobart, and Windham Bays.....	1:40,000	27×34	May 1932
8224	.25	Gambier Bay, Stephens Passage.....	1:40,000	22×24	Feb. 1932
8228	.25	Windfall and Mole Harbors.....	1:20,000	20×30	Mar. 1913
8239	.75	Bays in Chatham Strait.....	1:20,000	29×36	Sept. 1934
		Kelp Bay.....	1:40,000		
		Warm Spring Bay.....	1:20,000		
		Takatz and Kasnyku Bays.....	1:20,000		
8241	.75	Bay of Pillars and Rowan Bay, Chatham Strait.....	1:20,000	31×41	May 1936
		Washington Bay, Chatham Strait.....	1:10,000		
8242	.50	Harbors in Chatham Strait and vicinity, Hoggatt, Red Bluff, Gut, Herring and Chapin Bays, Surprise Harbor and Murder Cove.....	1:20,000	28×30	Nov. 1929
8244	.75	Sitka Harbor and approaches.....	1:10,000	33×39	Sept. 1930
8246	.75	Whitewater Bay and Chaik Bay, Chatham Strait.....	1:20,000	31×38	Feb. 1933
8247	.50	Hood Bay and Kootznahoo Inlet.....	1:30,000	26×37	Sept. 1932
8248	.75	Salisbury Sound and Peril Strait to Emmons Island.....	1:40,000	34×34	Feb. 1931
		Sergius Narrows.....	1:20,000		
8252	.75	Coronation Island to Lisianski Strait.....	1:219,300	32×43	Feb. 1936
8253	.75	Cape Ommaney to Byron Bay.....	1:20,000	33×44	Feb. 1926
8254	.75	Snipe Bay to Crawfish Inlet.....	1:40,000	31×42	Nov. 1926
8255	.75	Crawfish Inlet to Sitka.....	1:40,000	33×44	Apr. 1940
8256	.75	South and West Coasts of Kruzof Island.....	1:40,000	26×42	Mar. 1931
8258	.25	Cape Edward to Lisianski Strait.....	1:40,000	23×30	Dec. 1928
8261	.75	Ports Alexander, Conclusion, and Armstrong.....	1:10,000	29×39	May 1927
8263	.25	Port Walter, Chatham Strait.....	1:20,000	14×19	Mar. 1927
8264	.25	Port Lucy.....	1:20,000	19×23	Apr. 1928
8265	.25	Port Herbert.....	1:20,000	15×21	Feb. 1928
8266	.25	Patterson Bay and Deep Cove, Chatham Strait.....	1:20,000	23×31	Dec. 1931
8271	.25	Tebenkof Bay.....	1:40,000	25×27	Jan. 1929
8272	.75	Keku Strait, Monte Carlo Island to Entrance Island.....	1:20,000	31×41	Jan. 1931
		The Summit.....	1:10,000		
		Devils Elbow.....	1:10,000		
8280	.75	Kbaz Bay.....	1:40,000	32×38	May 1930
		Elbow Passage.....	1:10,000		
8281	.75	Sitka Sound to Salisbury Sound, Inside Passage.....	1:40,000	33×36	Nov. 1930
		Neva Strait.....	1:20,000		
8283	.75	Peril Strait, Hoonah Sound to Chatham Strait.....	1:40,000	33×42	Apr. 1933
8285	.25	Killisnoo Harbor, Chatham Strait.....	1:10,000	21×29	Dec. 1931
8299	.25	Port Malmesbury, Chatham Strait.....	1:40,000	14×14	Dec. 1931



GENERAL CHARTS AND HARBOR CHARTS, ALASKA — CONTINUED

GENERAL CHARTS AND HARBOR CHARTS, ALASKA—Continued

No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
CAPE EDWARD TO LITUYA BAY					
8202	\$0.75	Midway Islands to Cape Spencer, including Lynn Canal.....	1:203,180	31×43	July 1936
8227	.25	Port Snettisham, Stephens Passage.....	1:40,000	23×26	Mar. 1932
8229	.25	Slocum and Limestone Inlets and Taku Harbor.....	1:20,000	21×31	Aug. 1932
8235	.50	Gastineau Channel and part of Stephens Passage.....	1:40,000	28×31	June 1939
8260	.75	Yakobi Island and Lisianski Inlet.....	1:40,000	33×38	July 1929
8302	.75	Lynn Canal, entrance to Point Sherman.....	1:80,000	28×43	Mar. 1934
		Funter Bay.....	1:20,000		
8303	.50	Lynn Canal; Point Sherman to Skagway.....	1:80,000	20×41	Nov. 1932
8304	.75	Icy Strait and Cross Sound.....	1:80,000	32×40	May 1940
		Inian Cove.....	1:20,000		
8306	.50	Glacier Bay.....	1:160,000	27×28	June 1938
8410	.75	Cape Spencer to Icy Point.....	1:40,000	32×39	Sept. 1930
8505	.50	Lituya Bay.....	1:20,000	25×34	Feb. 1929
		Lituya Bay Entrance.....	1:10,000		



GENERAL CHARTS AND HARBOR CHARTS, ALASKA – CONTINUED

GENERAL CHARTS AND HARBOR CHARTS, ALASKA—Continued

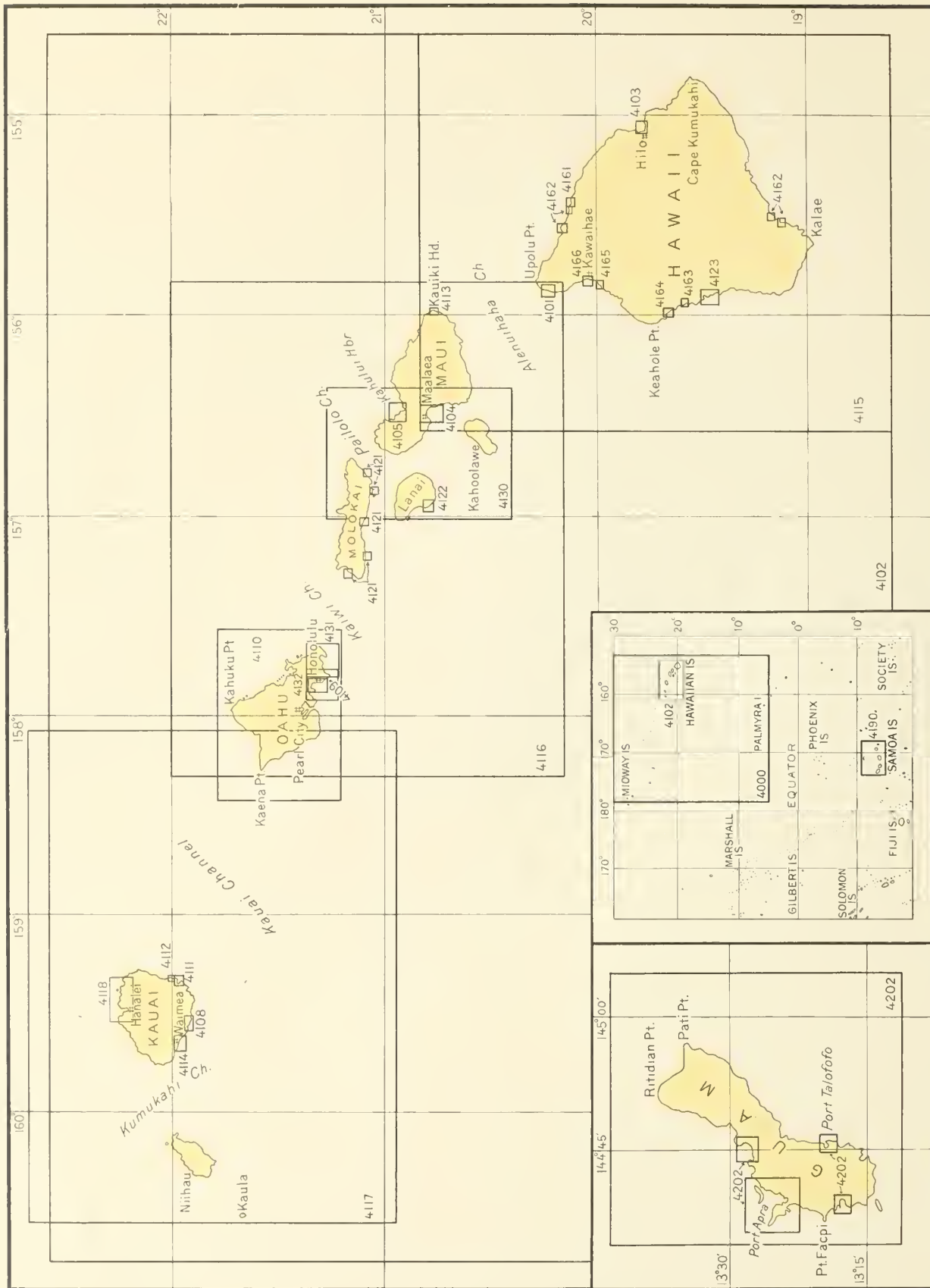
No	Price	TITLE	Approximate scale	Size of border (inches)	Date
YAKUTAT BAY TO KODIAK ISLAND					
8455	\$0.50	Yakutat Bay.....	1:80,000	28×32	Feb. 1910
8457	.50	Icy Bay, South Coast.....	1:40,000	29×31	May 1923
8513	.50	Controller Bay.....	1:100,000	29×32	Apr. 1913
8515	.75	Prince William Sound, western entrance.....	1:80,000	33×42	Nov. 1935
8517	.75	Prince William Sound, western part.....	1:80,000	31×45	July 1935
8519	.75	Prince William Sound; Port Fidalgo and Valdez Arm.....	1:80,000	32×39	Dec. 1933
8520	.75	Prince William Sound, eastern entrance.....	1:80,000	32×43	Feb. 1935
8523	.75	Latouche, Elrington and Prince of Wales Passages.....	1:40,000	33×39	Jan. 1935
8524	.75	Drier Bay, Prince William Sound.....	1:20,000	32×35	Apr. 1935
8525	.25	Orca Bay and Inlet, Channel Islands to Cordova.....	1:30,000	15×15	Apr. 1939
8528	.75	Point Elrington to Cape Resurrection.....	1:80,000	32×33	Feb. 1930
8529	.75	Cape Resurrection to Two Arm Bay.....	1:80,000	28×37	July 1932
8530	.75	Seal Rocks to Gore Point.....	1:80,000	30×41	June 1932
8531	.75	Gore Point to Anchor Point.....	1:80,000	32×43	Mar. 1933
8532	.75	Barren Islands.....	1:77,000	31×42	June 1934
8533	.75	Point Banks to Marmot Bay.....	1:80,000	26×42	Mar. 1935
8534	.75	Marmot Bay and Kupreanof Strait.....	1:80,000	33×44	May 1937
8535	.75	Chiniak Bay to Dangerous Cape.....	1:80,000	28×36	Dec. 1935
8536	.75	Gull Point to Kaguyak Bay.....	1:80,000	32×42	Sept. 1934
		Sitkalidak Passage.....	1:20,000		
8537	.75	Sitkinak Strait and Alitak Bay; Kodiak Island.....	1:80,000	34×40	Nov. 1933
8540	.50	Cape Alitak to Cape Ikolik; Kodiak Island.....	1:80,000	25×33	Sept. 1932
8541	.75	Cape Ikolik to Cape Kuluik, Kodiak Island.....	1:80,000	32×35	Dec. 1931
8542	.75	Uganik and Uyak Bays.....	1:80,000	31×43	Nov. 1931
8545	.75	Kodiak and St. Paul Harbors.....	1:20,000	32×34	May 1937
		Kodiak Harbor.....	1:10,000		
8551	.75	Prince William Sound.....	1:198,500	34×43	May 1935
8552	.75	Point Elrington to East Chugach Island.....	1:202,800	29×37	May 1933
8553	.75	Cook Inlet, northern part.....	1:195,000	33×43	Mar. 1915
8554	.75	Cook Inlet, southern part.....	1:203,000	32×40	May 1934
8556	.75	Kodiak Island.....	1:357,100	33×43	Feb. 1938
8557	.75	Knik Arm, Fire Island to Goose Creek.....	1:40,000	32×33	May 1921
8573	.75	Shuyak Strait and Bluefox Bay.....	1:20,000	27×42	Aug. 1935
8575	.75	Part of Alitak Bay; Cape Alitak to Moser Bay.....	1:20,000	34×43	Mar. 1932
8588	.50	Port Chatham.....	1:10,000	28×33	Mar. 1920
8589	.50	Port Graham and Seldovia Bay.....	1:20,000	25×37	Oct. 1916
8665	.50	Iliamna Bay, Cook Inlet.....	1:20,000	31×32	Sept. 1917
8822	.25	Bays and Anchorages, Kodiak Island.....		22×23	Nov. 1930
		Uyak Anchorage.....	1:20,000		
		Larsen Bay.....	1:20,000		
		Karluk Anchorage.....	1:20,000		
8851	.50	Harbors and Anchorages, Southwestern Alaska.....		27×28	July 1932
		Kukak Bay, Alaska Peninsula.....	1:100,000		

GENERAL CHARTS AND HARBOR CHARTS, ALASKA—Continued

No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
ALASKA PENINSULA AND ALEUTIAN ISLANDS					
8556	\$0.75	Kodiak Island.....	1:357, 100	33×43	Feb. 1938
8666	.75	Portage and Wide Bays.....	1:50, 000	30×41	July 1927
8700	.75	Shumagin Islands; Nagai Island to Unga Island.....	1:100, 000	31×39	Sept. 1917
		Popof Strait.....	1:30, 000		
		Delarof Island.....	1:20, 000		
8701	.75	Morzhovoi Bay and Isanotski Strait.....	1:80, 000	33×36	Sept. 1929
8703	.50	Dolgoi Island to Deer Island.....	1:80, 000	28×35	July 1927
8704	.75	Pavlof Bay and Approaches.....	1:80, 000	28×40	Feb. 1926
8710	.75	Chignik and Kujulik Bays (including Chignik Bay Anchorage and Mud Bays, scale 1:40,000).....	1:80, 000	33×43	Oct. 1927
8833	.25	Port Moller and Herendeen Bay.....	1:80, 000	23×28	Feb. 1917
8841	.25	Harbors and Anchorages, Sanak Island.....		20×21	Oct. 1927
		Northeast Harbor.....	1:10, 000		
		Peterson Bay.....	1:20, 000		
		Sanak Harbor.....	1:10, 000		
8851	.50	Harbors and Anchorages, Southwestern Alaska.....		27×28	July 1932
		Port Wrangell, Alaska Peninsula.....	1:110, 000		
		Kashega Bay, Unalaska Island.....	1:15, 000		
		Mist Harbor, Nagai Island.....	1:10, 000		
		Sandy Cove, Little Koniui Island.....	1:24, 200		
		Dolgoi Harbor, Dolgoi Island.....	1:40, 000		
		Kirilof Bay, Amchitka Island.....	1:28, 000		
		McDonald Bay, Agattu Island.....	1:75, 000		
8860	.75	Unimak and Akutan Passes and approaches.....	1:300, 000	32×42	Mar. 1939
8881	.25	Islands and Harbors off Alaska Peninsula.....		19×21	Mar. 1939
		Semidi Islands and Chirikof Island and Lighthouse Rocks.....	1:400, 000		
		Chiachi Islands.....	1:17, 000		
		Northeast Harbor, Little Koniui Island.....	1:122, 000		
		Northwest and Yukon Harbors, Shumagin Islands.....	1:64, 000		
		Simeonof Harbor, Simeonof Island.....	1:90, 000		
9007	.75	Unalaska Bay and Akutan Pass.....	1:40, 000	30×45	Jan. 1940
9008	.50	Dutch Harbor.....	1:10, 000	27×33	Sept. 1937
9010	.75	Nazan Bay—Atka Island.....	1:20, 000	32×42	Apr. 1935
9196	.50	Anchorages and Harbors, Aleutian Islands.....		27×32	Sept. 1931
		Southwest Anchorage, Chirikof Island.....	1:53, 600		
		English Bay, Unalaska Island.....	1:20, 000		
		Kuliliak Bay, Unalaska Island.....	1:43, 500		
		Chernofski Harbor, Unalaska Island.....	1:36, 000		
		Sviechnikof Harbor, Amliia Island.....	1:52, 000		
		Korovin Bay, Atka Island.....	1:194, 000		
		Bay of Islands, North Island Anchorage, Adak Island.....	1:20, 000		
		Bay of Waterfalls, Adak Island.....	1:95, 000		
		Constantine Harbor, Amchitka Island.....	1:43, 000		
		Chichagof Harbor, Attu Island.....	1:19, 000		

GENERAL CHARTS AND HARBOR CHARTS, ALASKA—Continued

No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
BERING SEA					
8851	\$0. 50	Harbor and Anchorages, Southwestern Alaska, St. Matthew Island, Bering Sea.....	1:156,000	27×28	July 1932
8995	. 75	Pribilof Islands, Bering Sea.....	1:200,000	30×36	Apr. 1910
8996	. 75	St. Paul and St. George Islands, Pribilof Islands, Bering Sea.....	1:75,000	30×39	Dec. 1934
9050	. 50	Nushagak Bay and approaches.....	1:150,000	23×37	Mar. 1911
9103	. 50	Kuskokwim Bay (including Goodnews Bay, scale 1:80,000).....	1:200,000	24×37	Sept. 1916
9104	. 50	Kuskokwim River—Eek Island to Bethel.....	1:100,000	19×37	Oct. 1918
9196	. 50	Anchorages and Harbors, Aleutian Islands, Cape Etolin Anchorage, Nunivak Island.....	1:31,000	27×32	Sept. 1931
9370	. 75	Cape Romanzof to St. Michael.....	1:300,000	34×36	July 1901
9372	. 75	Yukon River, Apoon Mouth to Head of Passes (including Apoon Mouth, scale 1:20,000).....	1:80,000	32×38	Feb. 1914
9373	. 75	Yukon River, Kwikluak Mouth.....	1:80,000	29×39	May 1901
9375	. 75	St. Michael Bay, Norton Sound.....	1:20,000	31×38	June 1901
9380	. 75	Norton Sound.....	1:400,000	33×41	Oct. 1914
9381	. 25	Port Safety, Norton Sound.....	1:15,000	19×21	Dec. 1905
9382	. 75	Golovnin Bay, Norton Sound.....	1:40,000	32×39	July 1903
9385	. 25	Port Clarence and Grantley Harbor.....	1:80,000	19×27	Nov. 1912

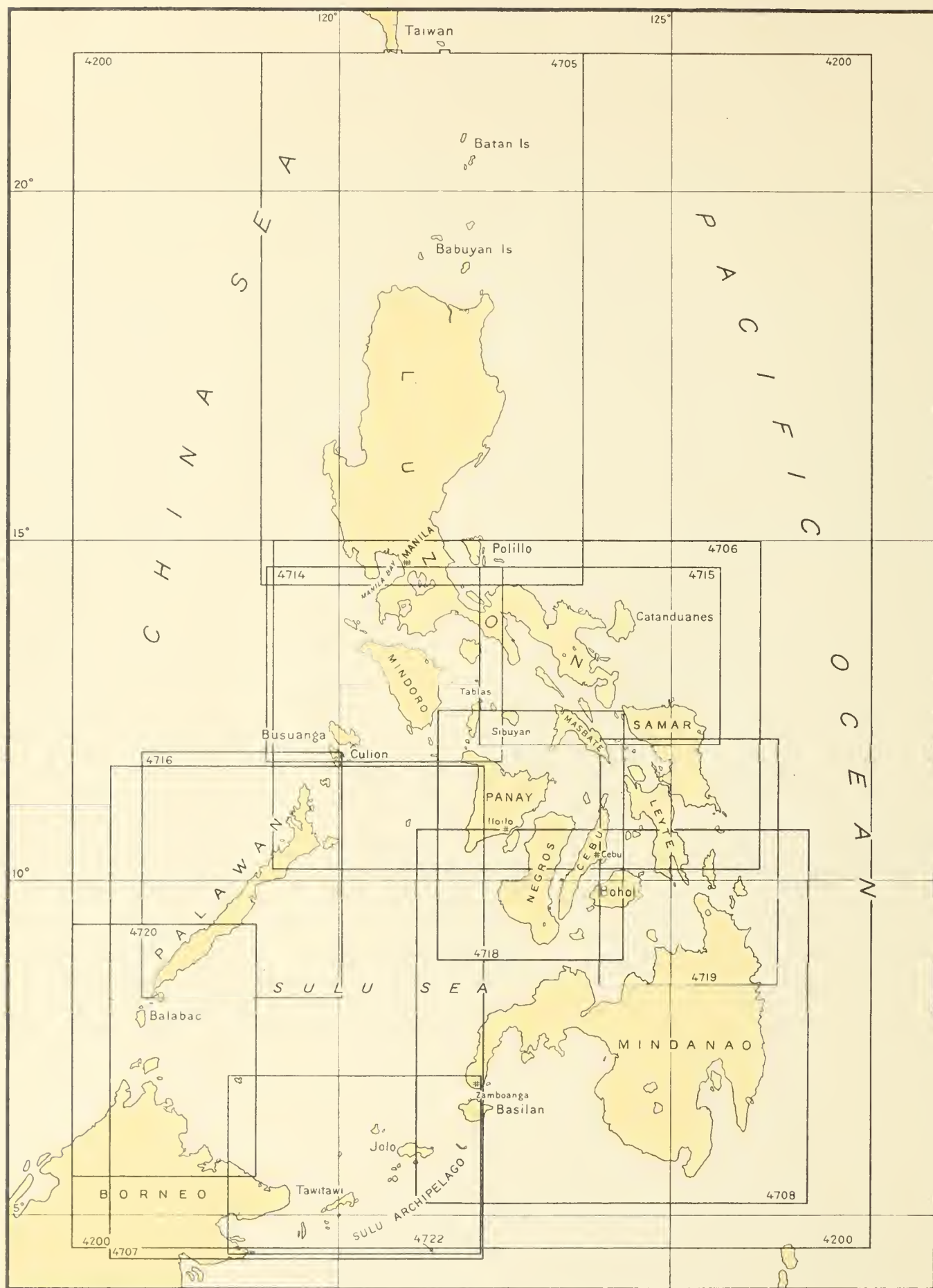


CHARTS OF HAWAIIAN ISLANDS, GUAM AND SAMOA

C & G S. Print

CHARTS OF HAWAIIAN ISLANDS, GUAM, AND SAMOA

No.	Price	TITLE	Island	Approximate scale	Size of border (inches)	Date
SAILING, GENERAL, COAST, AND HARBOR CHARTS						
4000	\$0.75	Territory of Hawaii.....		1:3,167,000	34×36	Apr. 1934
4101	.25	Mahukona Harbor and approaches.....	Hawaii.....	1:5,000	17×23	Jan. 1931
4102	.75	Hawaiian Islands.....	do.....	1:600,000	30×44	Feb. 1935
4103	.25	Hilo Bay.....	do.....	1:10,000	23×26	Oct. 1932
4104	.75	Maalaea Bay.....	Maui.....	1:10,000	32×40	June 1934
4105	.25	Kahului Harbor and approaches.....	do.....	1:10,000	25×26	Jan. 1938
4108	.25	Port Allen.....	Kauai.....	1:5,000	19×28	Jan. 1938
4109	.50	Honolulu Harbor.....	Oahu.....	1:5,000	24×35	Dec. 1937
4110	.75	Oahu.....		1:80,000	32×44	June 1937
4111	.25	Nawiliwili Bay.....	Kauai.....	1:5,000	22×31	Mar. 1936
4112	.50	Hanamaulu Bay.....	do.....	1:2,500	26×33	Aug. 1939
4113	.25	Hana Bay.....	Maui.....	1:5,000	17×17	June 1932
4114	.50	Approach to Waimea and Makaweli Landings.....	Kauai.....	1:10,000	27×35	Oct. 1934
4115	.75	Hawaii.....	Hawaii.....	1:247,000	35×39	Feb. 1936
4116	.75	Hawaii to Oahu.....		1:247,000	33×42	Nov. 1936
4117	.75	Hawaiian Islands, Oahu to Niihau.....		1:250,000	31×43	Mar. 1933
4118	.75	Haena Point to Kepuhi Point.....	Kauai.....	1:20,000	28×44	May 1930
4121	.50	Harbors of Molokai.....	Molokai.....		28×34	Oct. 1937
		Kaunakakai Harbor.....		1:5,000		
		Pukoo Harbor.....		1:5,000		
		Kamalo Harbor.....		1:5,000		
		Kolo Harbor.....		1:5,000		
		Papohaku Roadstead.....		1:5,000		
4122	.25	Kaunapali Harbor.....	Lanai.....	1:2,500	15×16	Nov. 1929
4123	.50	Kealahou Bay to Hanalei Bay.....	Hawaii.....	1:10,000	25×34	July 1928
4130	.75	Channels between Molokai, Maui, Lanai, and Kahoolawe.....	do.....	1:80,000	33×44	Dec. 1936
4131	.75	South Coast of Oahu, Makapuu Point to Diamond Head.....	Oahu.....	1:20,000	34×42	Oct. 1933
4132	.50	South Coast of Oahu, Diamond Head to Ahua Point.....	do.....	1:20,000	30×32	Jan. 1940
4161	.25	Paaui Landing.....	Hawaii.....	1:5,000	20×28	Oct. 1933
4162	.50	Harbors and Landings.....	do.....		31×31	Apr. 1931
		Punaluu Harbor.....		1:2,500		
		Honuapo Harbor.....		1:2,500		
		Honokaa Landing.....		1:2,500		
		Kukuihaele Landing.....		1:2,500		
4163	.25	Keauhou Bay—West Coast.....	Hawaii.....	1:2,500	21×24	Aug. 1932
4164	.25	Kailua Bay—West Coast.....	do.....	1:5,000	19×20	Aug. 1932
4165	.25	Puako Bay and vicinity—West Coast.....	do.....	1:2,500	24×28	Aug. 1932
4166	.25	Kawaihae—West Coast.....	do.....	1:5,000	21×27	Sept. 1932
4190	.75	United States possessions in the Samoa Islands.....			33×39	Feb. 1929
		Samoa Islands.....		1:2,000,000		
		Tutuila Island.....		1:60,000		
		Pago Pago Harbor, Tutuila Island.....		1:15,000		
		Manua Islands.....		1:80,000		
		Swains Island.....		1:40,120		
4202	.50	Guam Island, Marianas Islands.....		1:80,000	29×31	May 1937
		Port Talofoto.....	Guam.....	1:10,500		
		Agaña Bay.....	do.....	1:28,300		
		Umatac Bay.....	do.....	1:5,330		
		Port Apra.....	do.....	1:37,500		

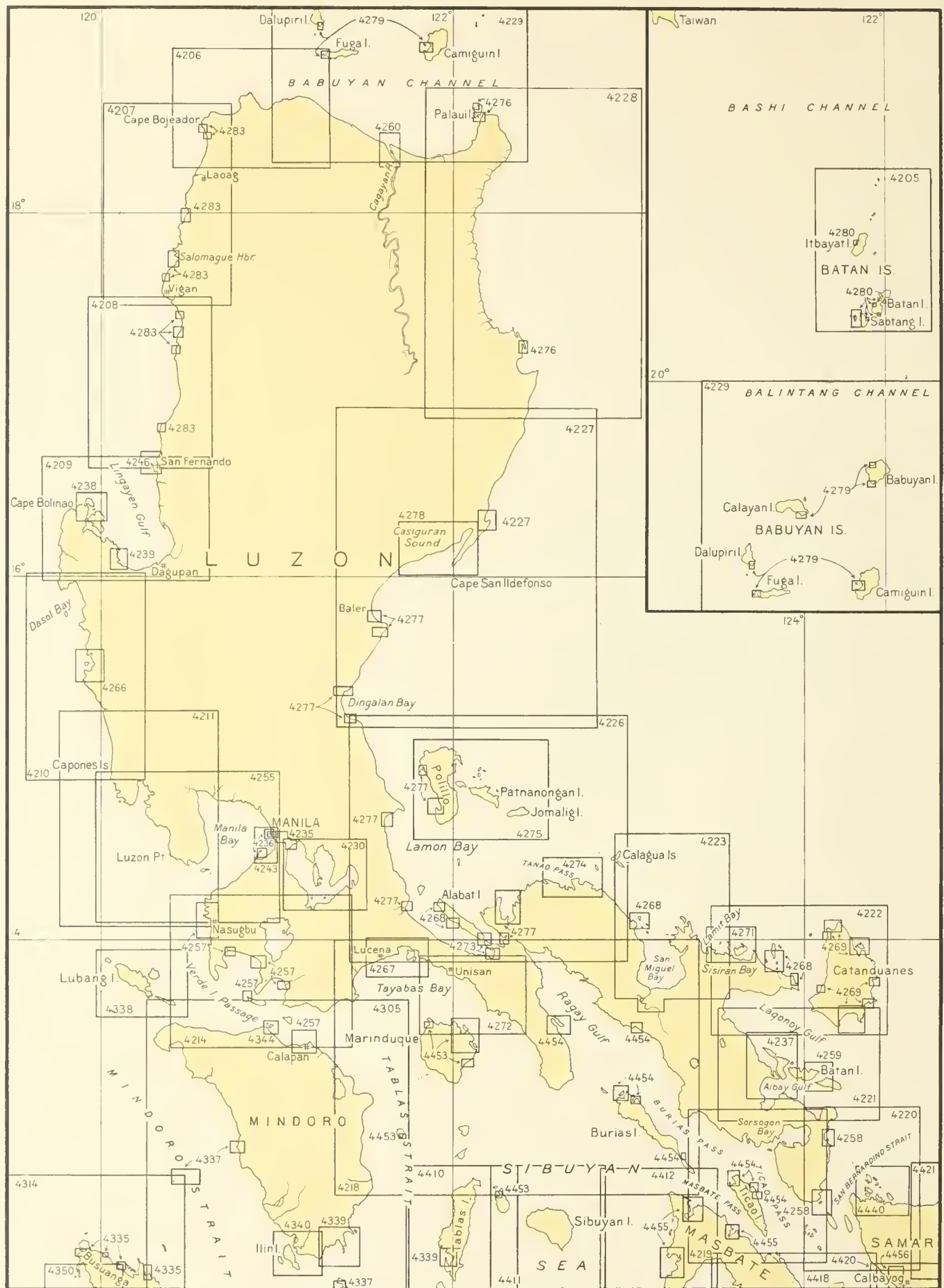


C. & G. S. Print

SAILING AND GENERAL CHARTS OF THE PHILIPPINE ISLANDS

SAILING AND GENERAL CHARTS OF THE PHILIPPINE ISLANDS

No.	Price	TITLE	Approximate scale	Size of border (inches)	Date	No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
4200	\$0.75	Philippine Islands.....	1:1,600,000	33×49	1933	4716	\$0.75	Palawan.....	1:400,000	34×40	1938
4705	.75	Manila Bay to Taiwan.....	1:800,000	28×44	1938	4718	.75	Panay, Negros and Cebu, with parts of Bohol and Masbate.....	1:400,000	31×41	1936
4706	.75	Philippine Islands, central part.....	1:800,000	27×40	1938	4719	.75	Surigao Strait and Leyte, with parts of Samar and Mindanao.....	1:400,000	30×40	1936
4707	.75	Philippine Islands, southwestern part.....	1:800,000	31×41	1939	4720	.75	Balabac Strait and approaches.....	1:400,000	31×41	1936
4708	.75	Philippine Islands, southeastern part.....	1:800,000	31×33	1937	4722	.75	Sulu Archipelago.....	1:400,000	30×42	1936
4714	.75	Southwestern Luzon and Mindoro.....	1:400,000	32×39	1936						
4715	.75	Southeastern Luzon and parts of Masbate and Samar.....	1:400,000	30×40	1934						



COAST AND HARBOR CHARTS OF THE PHILIPPINE ISLANDS

COAST AND HARBOR CHARTS OF THE PHILIPPINE ISLANDS

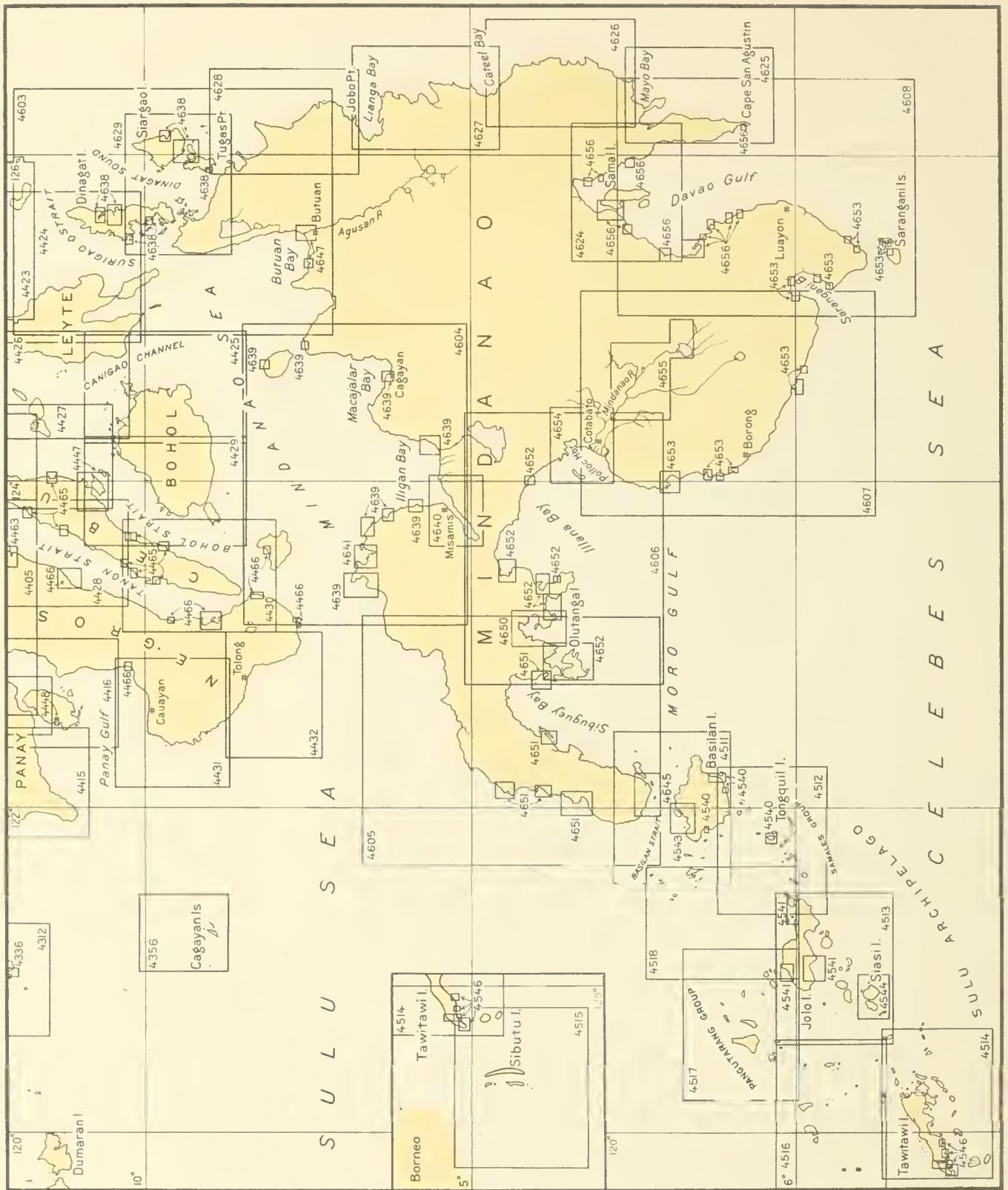
No.	Price	TITLE	Approximate scale	Size of border (inches)	Date	No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
4200	\$0. 75	Philippine Islands (see p. 42 for diagram)	1:1,600,000	33×49	1933	4267	\$0. 50	Lucena Anchorage, Pagbilao Bay and Port Laguimanoc, Luzon Island	1:40,000	25×35	1924
4205	. 75	Batan Islands	1:100,000	29×41	1929	4268	. 50	Harbors from Alabat to Pitogo Bay	1:20,000	26×30	1938
4206	. 75	Pata Point to Cape Bojeador to Bacarra, Luzon Island	1:100,000	30×40	1934			Port Alabat, southwest coast, Alabat Island	1:20,000		
4207	. 75	Cape Bojeador to Vigan, west coast of Luzon	1:100,000	32×45	1940			Sangirin Bay, northwest coast, Alabat Island	1:20,000		
4208	. 75	Santa to San Fernando, Luzon Island	1:100,000	32×42	1934			Tabgon Anchorage, east coast, Luzon Island	1:30,000		
4209	. 75	Lingayen Gulf, Luzon Island	1:100,000	31×42	1924			Canino Pass and Mercedes, east coast, Luzon Island	1:25,000		
4210	. 75	Capones Islands to Dasol Bay, Luzon Island	1:125,000	24×41	1936			Pitogo Bay, east coast, Luzon Island	1:15,000		
		Santa Cruz Inner Harbor	1:30,000			4269	. 25	Harbors of Catanduanes	1:50,000	24×27	1923
		Iba Anchorage	1:30,000					Cabugao Bay, south coast	1:30,000		
4211	. 75	Approaches to Manila Bay	1:125,000	30×43	1932			Bagamanoc and Anajao, east coast	1:20,000		
4214	. 75	Verde Island Passage	1:125,000	31×37	1933			Cobo Bay, west coast	1:20,000		
4218	. 75	Ragay Gulf to Tayabas Bay, Luzon Island	1:200,000	32×45	1922			Port Manamrag, west coast	1:20,000		
		Vinas River	1:50,000					Pandan Bay, north coast	1:30,000		
4219	. 75	Passages between Luzon and Masbate and Sorsogon Bay	1:100,000	35×39	1919			Gigmoto Bay, east coast	1:20,000		
4220	. 75	San Bernardino Strait, Luzon and Samar Islands	1:100,000	30×41	1936	4271	. 75	Kalapadan Bay, east coast	1:30,000		
		Biri Anchorage	1:20,000					Lamit and Sisiran Bays, Luzon Island	1:30,000	30×41	1924
		Mauo River	1:15,000			4272	. 75	Unisan to Mulanay and northern part of Marinduque	1:70,000	28×38	1937
4221	. 75	Albay Gulf and part of Lagonoy Gulf; Luzon Island	1:100,000	29×40	1924	4273	. 25	Silangan Pass and Hondagua Harbor, Luzon Island	1:20,000	17×32	1913
4222	. 75	Lagonoy Gulf to Lamit Bay and Catanduanes Island, Luzon Island	1:100,000	32×43	1937	4274	. 50	Tanao Pass, Luzon Island	1:40,000	24×36	1938
4223	. 75	San Miguel and Lanit Bays, Luzon Island	1:100,000	29×41	1933	4275	. 75	Polillo Islands	1:80,000	32×42	1924
		Continuation of Bicol River	1:100,000			4276	. 25	Harbors on the northeast coast of Luzon	1:15,000	22×34	1938
4226	. 75	Lamon Bay and Polillo Islands	1:200,000	31×35	1938			Port Bicobian	1:10,000		
4227	. 75	Dingalan Bay to Digollorin Bay, east coast of Luzon	1:200,000	32×40	1939			Engaño Cove	1:15,000		
		Diapitan Bay, east coast	1:40,000			4277	. 75	Port San Vicente	1:15,000		
4228	. 75	Digollorin Point to Cape Engaño	1:200,000	27×40	1938			Harbors on the east coast of Luzon	1:20,000	31×38	1939
4229	. 75	Babuyan Islands	1:200,000	30×40	1933			Baler Anchorage	1:20,000		
4230	. 75	Laguna de Bay	1:60,000	29×34	1921			Dibut Bay	1:20,000		
		Napihndan Channel, Pasig River approach	1:10,000					Dingalan Bay	1:20,000		
4235	. 75	Pasig River, Luzon Island	1:10,000	26×42	1933			Umiray River	1:40,000		
4236	. 50	Manila and Cavite Harbors, Luzon Island		25×37	1940			Basiad Bay	1:20,000		
		Manila Harbor	1:10,000					Port Lampon	1:20,000		
		Cavite Harbor	1:10,000					Hook Bay	1:30,000		
4237	. 75	Tabaco Bay, Coal Harbor and Legaspi Port, Luzon Island Legaspi Port	1:10,000	32×41	1936	4278	. 75	Polillo Harbor	1:20,000		
4238	. 75	Bolinao Harbor and approaches, Luzon, Island	1:20,000	35×36	1938			Mauban Anchorage	1:20,000		
4239	. 50	Port Sual to Comas Island, Luzon Island	1:15,000	23×37	1904			Port Apat	1:20,000		
4243	. 50	Manila to Cavite	1:30,000	25×33	1936			Casiguran Sound, east coast of Luzon	1:40,000	32×41	1939
4246	. 50	San Fernando Harbor, Luzon Island	1:15,000	25×28	1936	4279	. 50	Harbors in Babuyan Islands	1:20,000	24×34	1931
4255	. 75	Manila Bay and approaches coast of Luzon to Capones Islands, Luzon Island	1:125,000	32×36	1933			Banoa Anchorage	1:20,000		
		Mariveles Harbor	1:30,000			4280	. 50	Calayan Landing and Cibang Cove	1:20,000		
4257	. 75	Anchorage, vicinity of Verde Island Passage		29×36	1922			San Dionisio	1:20,000		
		Nasugbu and Hamilo Cove, Luzon Island	1:50,000					Barugan Cove	1:20,000		
		Balayan, Luzon Island	1:10,000					Port San Pio Quinto	1:20,000		
		Taal and Lemery, Luzon Island	1:10,000					Musa Bay	1:15,000		
		Batangas, Luzon Island	1:15,000					Harbors in Batan Islands	1:10,000	23×35	1931
		Port Maricaban, Maricaban Island	1:10,000					Mayan Landing, Itbayat Island	1:10,000		
		Calapan; Mindoro Island	1:40,000					Basco, Batan Island	1:10,000		
4258	. 25	Matnog Bay and Tielin Strait, Luzon Island	1:30,000	18×26	1916			Mahatao, Batan Island	1:10,000		
4259	. 75	Port Gubat, Luzon Island	1:20,000	34×36	1924			Balugan Bay, Batan Island	1:10,000		
4260	. 50	Aparri Anchorage and part of Cagayan River, Luzon Island	1:25,000	20×33	1938			Uyugan, Batan Island	1:10,000		
4266	. 50	Ports Masinloc and Matalvi and Palaug Bay, Luzon Island	1:25,000	29×32	1939	4283	. 75	Sabtang, Sabtang Island	1:20,000		
								Sabtang Channel, Batan Island	1:20,000		
								Harbors on the west coast of Luzon	1:10,000	34×34	1934
								Dirigayos Inlet	1:10,000		
								Santiago Cove	1:10,000		
								San Esteban and Nalvo Bay	1:20,000		
								Solvec Cove	1:10,000		
								San Ildefonso Harbor	1:20,000		
								Salomague Harbor and Lapog Bay	1:20,000		
								Port Currimao and Gan Bay	1:20,000		
								Dirique Inlet	1:5,000		
								Nagabungan Bay	1:5,000		

COAST AND HARBOR CHARTS OF THE PHILIPPINE ISLANDS—Continued

No.	Price	TITLE	Approximate scale	Size of border (inches)	Date	No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
4305	\$0.75	Mindoro and vicinity.....	1:200,000	33×43	1939			Anchorage southeastern Mindoro and Tablas Island—Continued.			
4309	.75	Balabac Strait.....	1:200,000	31×42	1921			Lagara Cove and Passes southward, Mindoro Island.....	1:20,000		
4312	.75	Cuyo Islands.....	1:100,000	31×41	1922			Buruncan Point to Pocanil Bay, Mindoro Island.....	1:40,000		
4314	.75	Northern part of Busuanga.....	1:100,000	31×42	1919						
4315	.75	Palawan to Culion Island, including Linapacan Strait.....	1:100,000	32×41	1917						
4316	.75	Northwestern Palawan.....	1:100,000	31×44	1938	4340	\$0.50	Mangarin and Pandarochan Bays, Mindoro Island.....	1:40,000	26×30	1939
4317	.75	Northeast coast of Palawan, Shark Fin Bay to Flechas Point, Palawan Island.....	1:100,000	31×44	1918	4342	.50	Halsey Harbor and Dicabaito Anchorage, Culion Island.....	1:20,000	23×32	1921
4319	.75	Green Island Bay and vicinity.....	1:100,000	31×41	1920			Dicabaito Anchorage.....	1:20,000		
		Pascoe Channel, Green Island.....	1:20,000			4343	.25	Puerto Princesa, Palawan Island.....	1:40,000	23×29	1920
4321	.75	Bold Point to Malanao Island.....	1:100,000	31×43	1920	4344	.75	Port Galera and Varadero Bay, Mindoro Island.....	1:10,000	29×35	1924
4323	.75	Malanao Island to Nariz Point.....	1:100,000	31×43	1922						
4324	.75	Southern Palawan.....	1:100,000	32×43	1935	4346	.50	Harbors of Palawan Island.....		26×31	1932
4325	.75	Nariz Point to Bugsuk Island.....	1:100,000	31×44	1936			Bacuit, northwest coast.....	1:15,000		
4326	.75	North Balabac Strait and vicinity.....	1:100,000	32×42	1940			Ulugan Bay, west coast.....	1:30,000		
4334	.75	Anchorage East Coast of Palawan.....		27×39	1921			Malanut and Nakoda Bays, west coast.....	1:30,000		
		Honda Bay.....	1:40,000					Culasian Bay, west coast.....	1:20,000		
		Malanao Anchorage.....	1:40,000			4347	.75	Harbors of Balabac Island.....		32×40	1939
		Panacan Anchorage.....	1:40,000					Ramos Anchorage, northwest coast of Ramos Island.....	1:10,000		
4335	.25	Harbors on the north coast of Busuanga.....		18×29	1920			Catagupan Bay, west coast.....	1:40,000		
		Minuit Anchorage.....	1:20,000					Port Ciego and Ramos Island, north coast.....	1:40,000		
		Illutuk Bay.....	1:20,000					Calandorang and Cabaang Bays, east coast.....	1:10,000		
		Port Caltom.....	1:20,000					Dalawan Bay, east coast.....	1:10,000		
4336	.50	Minangas Bay.....	1:20,000					Pasig Bay, south coast.....	1:20,000		
		Anchorage in Cuyo Islands.....		29×34	1918			Clarendon Bay, south coast.....	1:10,000		
		Tagauayan Islands.....	1:10,000			4348	.50	Cagayan Sulu and adjacent islands.....	1:75,000	19×37	1924
		Cuyo Anchorage and Bisucay Channel.....	1:10,000					Lapulapun Anchorage.....	1:15,000		
4337	.75	Anchorage west and south of Mindoro, Mindoro Island.....		28×36	1916	4349	.50	Malampaya Sound and approaches, Palawan Island.....	1:50,000	27×38	1933
		Apo Reef.....	1:20,000			4350	.75	Western entrance to Coron Bay, Calamian Group.....	1:50,000	30×39	1919
		Sabluyan Anchorage and Pandan Bay.....	1:20,000			4351	.75	Coron Bay, Calamian Group.....	1:50,000	33×41	1916
		Semirara Anchorage.....	1:20,000					Culion Landing.....	1:2,000		
4338	.75	Lubang Islands.....	1:60,000	28×38	1914	4355	.75	Harbors on Dumarán Island.....	1:20,000	32×38	1920
		Golo Pass.....	1:20,000					Dumaran Bay.....	1:20,000		
4339	.50	Anchorage southeastern Mindoro and Tablas Island.....		25×37	1912	4356	.75	Cagayan Islands.....	1:60,000	33×38	1923
		Looc Bay, Tablas Island.....	1:40,000					Cagayan Anchorage.....	1:10,000		

COAST AND HARBOR CHARTS OF THE PHILIPPINE ISLANDS—Continued

No.	Price	TITLE	Approximate scale	Size of border (inches)	Date	No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
4405	\$0.75	Visayan Sea	1:200,000	28×41	1937			Harbors of Marinduque Island and vicinity—Continued.			
4410	.75	Tablas Island and vicinity	1:100,000	28×38	1913			Romblon Harbor, west coast, Romblon Island	1:10,000		
4411	.75	Sibuyan and Romblon Islands	1:100,000	29×39	1914						
4412	.75	Western Masbate	1:100,000	30×40	1938						
4413	.75	Northern Panay, Sigat Point to Bulaue Point	1:100,000	30×42	1938	4454	\$0.75	Harbors on Burias and Ticao Islands and Ragay Gulf		32×33	1920
		Capiz Bay	1:30,000					Port Pusgo, Ragay Gulf, Luzon Island	1:30,000		
		Port Batan	1:30,000					Pasacao Anchorage, Ragay Gulf, Luzon Island	1:20,000		
4414	.75	Northwestern Panay	1:100,000	32×40	1917			Port Busin, north coast, Burias Island	1:20,000		
4415	.75	Southwestern Panay	1:100,000	30×40	1921			Port Busainga, northeast coast, Burias Island	1:15,000		
		San Jose	1:10,000					Port Boca Engaño, southeast coast, Burias Island	1:10,000		
4416	.75	Iloilo and Guimaras Straits, Panay and Guimaras Islands	1:100,000	30×41	1939			Port San Miguel, northwest coast, Ticao Island	1:20,000		
4417	.75	Northeastern Panay and adjacent islands	1:100,000	31×42	1911			Port San Jacinto, east coast, Ticao Island	1:20,000		
4418	.75	Southeastern Masbate	1:100,000	30×41	1915			Taclogan Bay, east coast of Ticao Island	1:20,000		
4420	.75	Calbayog to Tacloban, Samar and Leyte Islands	1:100,000	29×42	1936						
		Catbalogan Harbor	1:35,000								
4421	.75	Catarmanto Oras Bay, Samar Island	1:100,000	30×42	1908			Harbors on the coast of Masbate		28×37	1917
		Ilem Harbor and San Ramon Bay	1:25,000					Port Barrera, north coast	1:30,000		
4422	.75	Oras Bay to Matarinao Bay, Samar Island	1:100,000	29×41	1908		.75	Masbate Harbor, northeast coast	1:20,000		
		Port Libas	1:30,000					Port Cataingan, east coast	1:30,000		
		Port Borongan	1:30,000					Nin Bay, west coast	1:30,000		
		Llorente and vicinity	1:30,000					Harbors of Samar and Leyte		24×27	1914
4423	.75	Southern part of Samar and San Pedro Bay	1:100,000	30×43	1938	4456	.25	Jibatan River, west coast, Samar Island	1:50,000		
4424	.75	Southeast coast of Leyte and Dinagat Island	1:100,000	31×41	1913			Santo Niño Harbor, Santo Niño Island	1:5,000		
		Liloan Bay and Panaon Strait	1:10,000					Parasan Harbor, Daram Island	1:10,000		
4425	.75	Eastern Bohol and part of Leyte	1:100,000	31×44	1910			Biliran Strait, Leyte and Biliran Islands	1:20,000		
4426	.75	Southwest coast of Leyte, Ormoc Bay to Maasin	1:100,000	30×41	1915			Port Palompon, Leyte Island	1:10,000		
		Maasin	1:10,000					Escalante Harbor and vicinity, Negros Island	1:20,000	30×41	1924
4427	.75	East coast of Cebu, Cebu Island	1:100,000	28×40	1910	4463	.75	San Juanico Strait and Janabatas Channel, Samar and Leyte, Islands	1:30,000	31×40	1910
4428	.75	Northern part of Tañon Strait, Negros and Cebu Islands	1:100,000	29×40	1911		.75	Northern entrance to San Juanico Strait	1:10,000		
4429	.75	Western Bohol, Bohol Island	1:100,000	30×44	1940	4464	.75	Harbors in Cebu		25×32	1938
		Port Tagbilaran, southwest coast	1:15,000					Ilaguaya Bay	1:30,000		
4430	.75	Tañon Strait, southern part, Cebu and Negros Islands	1:100,000	31×42	1939		.50	Tuburan	1:30,000		
4431	.75	Western Negros	1:100,000	32×36	1926	4465		Balamban Bay	1:30,000		
		Asia Bay	1:10,000					Lambusan	1:30,000		
4432	.75	Southwestern Negros	1:100,000	27×36	1913			Dumanjug Bay	1:20,000		
4440	.50	Biri Channel and vicinity, northwest coast of Samar	1:40,000	25×32	1934			Moalboal	1:20,000		
4447	.50	Cebu Harbor and approaches, Cebu Island	1:30,000	28×35	1937			Argao	1:25,000		
		Cebu Harbor	1:10,000					Bogo Bay	1:30,000		
4448	.50	Iloilo Strait and Harbor, Panay Island	1:50,000	24×32	1935			Carcar Bay	1:15,000		
		Iloilo River	1:10,000					Port Carmen	1:15,000		
		Santa Ana Bay	1:20,000					Barili Bay	1:15,000		
4449	.75	Port Palapag and Laoang Bay, Samar Island	1:40,000	31×33	1924	4466	.75	Harbors in Negros and vicinity		32×36	1939
4453	.75	Harbors of Marinduque Island and vicinity		29×36	1913			Dumaguete, Negros Island	1:10,000		
		Port Balanacan, northwest coast, Marinduque Island	1:10,000					Himugaan River, Negros Island	1:15,000		
		Santa Cruz Harbor and Masagaisai Bay, northeast coast, Marinduque Island	1:30,000					Calagcalag Bay, Negros Island	1:10,000		
		Torrijos Bay, east coast, Marinduque Island	1:5,000					Port Canoan, Siquijor Island	1:5,000		
		Port Concepcion, Maestre de Campo Islands	1:10,000					Port Bombonon, Negros Island	1:10,000		
								Refugio Pass, Negros Island	1:35,000		
								Bais, Negros Island	1:30,000		
								Port Siyt, Negros Island	1:10,000		
								Himamaylan, Negros Island	1:20,000		
						4467	.25	Guiuan Harbor, Samar Island	1:20,000	19×31	1911
								Pambuhan Harbors, Samar Island	1:35,000		



COAST AND HARBOR CHARTS OF THE PHILIPPINE ISLANDS - CONTINUED

C. & G. S. Print

COAST AND HARBOR CHARTS OF THE PHILIPPINE ISLANDS—Continued

No.	Price	TITLE	Approximate scale	Size of border (inches)	Date	No.	Price	TITLE	Approximate scale	Size of border (inches)	Date
4511	\$0.75	Basilan Strait, Mindanao and Basilan Islands.....	1:100,000	32×42	1928			Anchorage in Iligan Bay and vicinity—Continued.			
4512	.75	Samales Group, Sulu Archipelago.....	1:100,000	31×42	1926			Canauayor Anchorage.....	1:20,000		
4513	.75	Jolo and Tapul Islands, Sulu Archipelago.....	1:100,000	33×42	1934			Jimenez.....	1:20,000		
4514	.75	Tawitawi and vicinity, Sulu Archipelago.....	1:100,000	33×44	1934			Iligan and Overton Anchorages and Quinalang Cove.....	1:40,000		
4515	.75	Sibutu Islands, Sulu Archipelago.....	1:100,000	34×42	1938			Oroquieta.....	1:20,000		
4516	.75	Pearl Bank to Dammal Island, Sulu Archipelago.....	1:100,000	32×43	1930	4640	\$0.50	Port Mambajao.....	1:10,000		
4517	.75	Pangutaran Islands.....	1:100,000	31×42	1929			Cagayan Anchorage.....	1:20,000		
4518	.75	Joloto Pilas Islands, Sulu Archipelago.....	1:100,000	32×42	1929	4641	.50	Port Misamis, Mindanao Island.....	1:20,000		
4540	.50	Anchorage in Basilan and Samales Islands.....	32×33	1927	4645	.50		Murcielagos Bay, Mindanao Island.....	1:20,000	31×33	1929
		Port Holland, west coast of Basilan.....	1:5,000					Vicinity of Zamboanga Masinloc Anchorage to Caldera Bay, Mindanao Island.....	1:30,000	24×37	1937
		Amoyloi Anchorage, south coast of Basilan.....	1:20,000			4647	.25	Zamboanga water front.....	1:5,000		
		Ton Sandungan Channel, Samales Group.....	1:20,000					Agusan River entrance, Mindanao Island.....	1:20,000	19×27	1934
		Bojelebung and Kauluan Channels, east coast of Basilan.....	1:15,000			4650	.75	Nasipit Harbor, Mindanao Island.....	1:15,000		
4541	.50	Anchorage in Jolo Islands, Jolo Island.....	31×32	1938		4651	.50	Dumanquilas Bay.....	1:35,000	30×38	1930
		Jolo Anchorage, north coast.....	1:10,000					Harbors on the south and west coasts of Mindanao.....		28×33	1930
		Dalrymple Harbor and Capual Channel, northeast coast.....	1:20,000					Port Banga, Mindanao Island.....	1:20,000		
		Maimbung Bay, south coast.....	1:40,000					Taba Bay, Mindanao Island.....	1:30,000		
4543	.50	Isabela Channel and approaches, Basilan Island.....	1:25,000	25×33	1925			Port Santa Maria, Mindanao Island.....	1:30,000		
4544	.75	Siasi and Lapac Islands.....	1:30,000	31×40	1935			Panabutan and Pisan Bays, Mindanao Island.....	1:40,000		
4546	.75	Harbors in western Tawitawi.....	31×37	1930	4652	.75		Sibuco Bay, Mindanao Island.....	1:30,000		
		Luuk Bay.....	1:20,000					Harbors in Illana Bay and vicinity, Mindanao Island.....		31×34	1931
		Luuk Sula Bay and Batu Batu Bay.....	1:15,000					Port Sibulan.....	1:60,000		
		Manalik Channel.....	1:15,000					Port Baras.....	1:20,000		
		Port Bongao.....	1:15,000					Limbug Cove.....	1:15,000		
4603	.75	Surigao Strait and vicinity, Mindanao and Leyte Islands.....	1:200,000	34×44	1936			Port Sambuluan.....	1:30,000		
4604	.75	Iligan Bay and vicinity.....	1:200,000	31×41	1929	4653	.75	Pagadian Bay.....	1:50,000		
4605	.75	Zamboanga Peninsula, Mindanao, west coast.....	1:200,000	34×41	1937			Maligay Bay.....	1:50,000		
4606	.75	Port Sibulan to Polloc Harbor, Mindanao Island.....	1:200,000	28×37	1932			Harbors on the south coast of Mindanao Island.....		31×41	1933
4607	.75	Cotabato to Sarangani Bay, Mindanao Island.....	1:200,000	31×41	1925			Linao Bay.....	1:30,000		
		Milbuk Harbor.....	1:10,000					Port Lebak.....	1:20,000		
4608	.75	Sarangani Bay to Mayo Bay.....	1:200,000	33×41	1937			Basiauang Bay.....	1:20,000		
4624	.75	Northern part of Davao Gulf, Mindanao Island.....	1:100,000	32×39	1938			Tuna Bay.....	1:20,000		
		Davao.....	1:5,000					Kiamba.....	1:10,000		
		Malipano Anchorage.....	1:20,000					Kling.....	1:10,000		
4625	.75	Cape San Augustin to Mayo Bay, Mindanao Island.....	1:100,000	26×40	1914			Makar.....	1:10,000		
		Balete Bay.....	1:20,000					Boayan.....	1:10,000		
4626	.75	Mayo Bay to Cateel Bay, Mindanao Island.....	1:100,000	30×41	1915			Sapu Bay.....	1:10,000		
4627	.75	Cateel Bay to Jobo Point, Mindanao Island.....	1:100,000	29×40	1915	4654	.75	Canalasan Cove.....	1:10,000		
		Lamon Anchorage.....	1:20,000					Butulan Cove.....	1:10,000		
		Catarnian Anchorage.....	1:20,000					Port Holland.....	1:10,000		
4628	.75	Jobo Point to Tugos Point, Mindanao Island.....	1:100,000	29×40	1913	4655	.75	Port Patuco.....	1:10,000		
		Bitaguan Bay.....	1:30,000					Port Tumanao.....	1:10,000		
4629	.75	Hinatuan Passage, Mindanao Island.....	1:100,000	30×38	1913			Port Bolay.....	1:10,000		
		Surigao.....	1:10,000					Kaimba.....	1:10,000		
4638	.75	Harbors on Dinagat, Siargao and Bucas Islands.....	30×37	1913	4656	.75		Mindanao River Delta and Polloc Harbor, Mindanao Island.....	1:50,000	34×41	1917
		Dapa Channel.....	1:35,000					Parang and Polloc Anchorages.....	1:20,000		
		Gaas Bay and Inlet.....	1:30,000					Cotabato entrance, Mindanao River.....	1:20,000		
		Dinagat.....	1:20,000					Mindanao River, upper part, Mindanao Island.....	1:50,000	34×42	1924
		Sohutan Bay and Inlet.....	1:20,000					Continuation of Buluan and Alip Rivers.....	1:50,000		
		San Roque.....	1:25,000					Anchorage in Davao Gulf.....		32×41	1933
		Port Pilar.....	1:30,000					Talomo Bay.....	1:30,000		
		Malinao Inlet.....	1:25,000					Pakiputan Strait.....	1:20,000		
4639	.75	Anchorage in Iligan Bay and vicinity, Mindanao Island.....	29×35	1937				Malalag Bay.....	1:20,000		
		Plaridel and Inamucan Bay.....	1:25,000					Kopia.....	1:20,000		
		Dapitan and Dipolog.....	1:40,000					Magnaga.....	1:20,000		
								Kumassie.....	1:20,000		
								Mapanga Bay.....	1:20,000		
								Port Tubalan.....	1:20,000		
								Digos.....	1:20,000		
								Malita.....	1:20,000		
								Lals.....	1:20,000		
								Lavigan Anchorage.....	1: 5,000		

UNITED STATES COAST PILOTS AND INTRACOASTAL WATERWAY PILOTS

Each book furnishes information required by the navigator for the area indicated, that cannot be shown conveniently on the nautical chart. They contain detailed information relative to the coast line, port information, sailing directions for coasting and entering harbors, and general information as to weather conditions, radio service, etc. New editions are published about every seven years. Supplements, containing changes and new information, are published annually and distributed free.

Distances Between United States Ports (the last item listed) gives the distances between more than 30,000 ports along the shortest route marked by aids to navigation, and includes a time table for various distances at different speeds.

ATLANTIC COAST

Sec. A: St. Croix River to Cape Cod (1933), with Supplement to June 21, 1939. Price, 75 cents.

Sec. B: Cape Cod to Sandy Hook (1933), with Supplement to September 15, 1937, and Addenda dated October 7, 1939. Price, 75 cents.

Sec. C: Sandy Hook to Cape Henry, including Delaware and Chesapeake Bays (1937), with Supplement to January 15, 1940. Price, 75 cents.

Sec. D: Cape Henry to Key West (1936), with Supplement to March 1, 1940. Price, 75 cents.

GULF COAST

Key West to the Rio Grande (1936), with Supplement to February 18, 1938. Price, 75 cents.

INTRACOASTAL WATERWAY (INSIDE ROUTE)

New York to Key West (1936), with May 1938 correction sheet. Price, 50 cents.

WEST INDIES

Puerto Rico and Virgin Islands (1939). Price, 75 cents.

PACIFIC COAST

California, Oregon, and Washington (1934), with Supplement to December 13, 1937. Price, 75 cents.

ALASKA

Part 1.—Dixon Entrance to Yakutat Bay, with Inside Passage from Juan de Fuca Strait to Dixon Entrance (1932), with Supplement to March 25, 1938. Price, 75 cents.

Part 2.—Yakutat Bay to Arctic Ocean (1938). Price, \$1.00.

HAWAIIAN ISLANDS

The Hawaiian Islands (1933), with Supplement to May 16, 1938. Price, 50 cents.

PHILIPPINE ISLANDS

Part 1.—Luzon, Mindoro, and Visayas (1939). Price, \$1.25.

Part 2.—Palawan, Mindanao, and Sulu Archipelago (1939). Price, \$1.25.

DISTANCE TABLES

Distances Between United States Ports (1938). Price, 10 cents.

*NOTICE TO MARINERS

Notice to Mariners (United States), a weekly leaflet issued by the U. S. Coast Guard, Treasury Department, is free to those who desire copies regularly. It may be consulted at sales agencies and at all United States customhouses, district offices of the Coast Guard, hydrographic offices, and consulates abroad. Notice to Mariners is issued as a safety aid, to keep mariners advised of constant changes so they may keep their nautical charts

*Notice to Mariners and List of Lights, Buoys, etc., pertaining to the Philippines are issued free to mariners by the Commonwealth Government of the Philippine Islands, Manila, P. I. A limited supply of these is available at the Coast and Geodetic Survey Field Stations in San Francisco, Calif., and Honolulu, T. H.

and coast pilots up to date. New charts, new editions of charts, and new publications, are also announced therein.

Chart Correction Notices, issued bimonthly for each coast by the U. S. Coast and Geodetic Survey, list Notices to Mariners applicable to each chart by number. They are issued free to those who desire copies regularly.

TIDE TABLES AND CURRENT TABLES

Tide Tables and Current Tables are issued in advance annually and in addition to the predictions for every day of the year for important harbors, include differences by which similar predictions may be readily obtained for thousands of other places, as well as miscellaneous astronomical data.

The Tide Tables cover the predicted times and heights of high and low water, and include tables for obtaining the height of tide at any time, local civil time of sunrise and sunset, reduction of local civil to standard time, and moonrise and moonset.

The Current Tables cover the predicted time of slack and the times and velocities of strength of current, and include tables on duration of slack, coastal tidal currents, wind currents, combination of currents, and current diagrams of certain waterways.

Tide Tables, Atlantic Ocean. Price, 25 cents.

Tide Tables, Pacific Ocean and Indian Ocean. Price, 25 cents.

Current Tables, Atlantic Coast, North America. Price, 1940, 10 cents; 1941, 15 cents. Current Tables, Pacific Coast, North America and Philippine Islands. Price, 1940, 10 cents; 1941, 15 cents.

Current Diagram No. 2, Chesapeake Bay. Price, 15 cents.

Tide Table, New York Harbor and vicinity.

TIDAL CURRENT CHARTS

Good for any year, they contain 12 tidal current charts of the particular water area covered, and are printed in colors, depicting for each tidal hour the direction and velocity of the current that may be expected throughout the entire harbor. Useful not alone to the navigator but to the engineer and scientist confronted with problems involving the circulation of surface waters.

Boston Harbor (1938). Price, 25 cents.

New York Harbor (1939). Price, 25 cents.

San Francisco Bay (1938). Price, 25 cents.

Long Island Sound and Block Island Sound (1934). Price, 25 cents.

LIGHT LISTS PUBLISHED BY THE U. S. COAST GUARD

[Describe lighted aids, radiobeacons, fog signals, unlighted buoys, and daymarks]

For sale by the Superintendent of Documents, Washington, D. C., and at sales agencies listed in Notice to Mariners in the first issue of each month.

North Atlantic Coast of the United States (includes all aids to navigation, from Canada to and including Chesapeake Bay).

South Atlantic Coast of the United States (includes aids to navigation on the sea-coast and principal tributaries, from Chesapeake Bay to Rio Grande).

Intracoastal Waterway of the Atlantic Coast (includes aids to navigation in the intracoastal waterway and inside waters from Hampton Roads to Rio Grande).

Great Lakes, United States and Canada (includes also unlighted aids in the United States waters).

Pacific Coast of the United States and Canada (includes also unlighted aids in the United States waters).

Mississippi and Ohio Rivers, Including Mississippi River and Navigable Tributaries (includes also unlighted aids).

MISCELLANEOUS MAPS AND PLANS

No.	Price	TITLE	State	Scale		Size of border (inches)	Date
				Proportional	Inches to statute miles		
52	\$0.75	Montauk Point to New York and Long Island Sound	New York	1:200,000	-----	31×42	Oct. 1931
356	.75	Block Island	Rhode Island	1:10,000	-----	29×46	Oct. 1914
376	.75	Delaware and Chesapeake Bays	-----	1:400,000	-----	27×36	July 1915
583	.50	Miami Harbor and approaches	Florida	1:40,000	-----	25×27	May 1934
621	2.00	Entrance to San Francisco Bay	Calif.	1:50,000	-----	23×26	1859
627	.50	City of San Francisco and vicinity	do.	1:10,000	-----	18×25	1853
A-634	.25	Shoreline Changes in Mississippi River Delta	-----	-----	-----	14×22	1838-1934
1313	.75	South of Georges Bank	-----	1:120,000	-----	34×46	1930-1934
1316	.75	Southeast of New York Bay	-----	1:120,000	-----	34×46	1936-1937
1317	.75	Southeast of Delaware Bay	-----	1:120,000	-----	34×49	1933-1938
1318	.75	East of Chesapeake Bay Entrance	-----	1:120,000	-----	34×46	1934-1937
3032	.50	Part of Bahama Islands, showing tracks ascribed to Columbus	-----	-----	-----	22×36	1881
3035	.45	Washington City, by Ellicott	D. C.	1:19,800	3.20	21×29	1792
3036	.45	Washington City, by W. J. Stone	do.	1:12,070	5.25	23×31	1839
3043	.45	City of Washington	do.	1:19,800	3.20	17×20	1792
	10.00	King plats of the city of Washington (19 sheets, including title-page, text page, and index map).	do.	1:2,400	26.4	28×40	1803
3055	.50	San Francisco Peninsula	Calif.	1:40,000	1.58	18×28	1869
3060	.30	U. S. Outline Map, Lambert Conformal Conic Projection	United States	1:1,500,000	-----	26×40	1935
3060a	.40	U. S. Aeronautical Planning Chart. Lambert Conformal Conic Projection, showing principal cities, airports, and radio broadcasting stations.	do.	1:1,500,000	-----	26×40	1935
3068	.20	U. S. Outline Map, Lambert Zenithal Equal Area Projection	do.	1:1,7,500,000	-----	21×26	1919
3069	.25	Outline Map, Lambert Conformal Conic Projection	Alaska	1:1,500,000	-----	18×27	1921
3070	.75	North Atlantic Ocean, with eastern North America and Europe. Lambert Projection.	-----	1:1,10,000,000	-----	24×46	1918
3074	.40	Great Circle. United States Gnomonic Projection (showing selected airports along air routes).	-----	1:1,5,094,000	-----	27×41	1934
3074a	.40	Great Circle. United States Gnomonic Projection (black and white)	-----	1:1,5,094,000	-----	27×41	1934
3077	.20	Lines of Equal Magnetic Declination and of Equal Annual change in the United States.	-----	-----	-----	21×27	1935
3078	.60	U. S. Outline Map (in two parts), Murdoch's projection on intersecting cone.	United States	1:1,3,500,000	-----	42×55	1923
3079	.25	U. S. Drainage Map, Murdoch's projection on intersecting cone	do.	1:1,7,000,000	-----	21×27	1893
3080	.25	North Pacific Ocean, Transverse Polyconic Projection	-----	1:20,000,000	-----	14×41	1921
3081	.30	Birthplace of Washington	Virginia	1:10,000	6.34	22×29	1897
3082	.25	Outline Map of the Philippine Islands, Polyconic Projection	-----	1:1,2,500,000	-----	20×30	1934
3083	.10	Philippine Islands Base Map, Mercator Projection in Lat. 13° N	-----	1:1,500,000	-----	11×17	1905
3084	.05	U. S. Outline Map, Murdoch's projection on intersecting cone	United States	1:1,7,850,000	-----	7×11	1922
3085	.25	U. S. Outline Map, Murdoch's projection on intersecting cone	do.	1:1,7,000,000	-----	17×28	1927
3086	.20	U. S. Outline Map, Murdoch's projection on intersecting cone	do.	1:1,7,700,000	-----	15×25	1928
3099	.15	Aitoff's Equal Area Projection of the Sphere	-----	-----	-----	18×25	1929
3101 to 3190	Each .15	District of Columbia, city excepted, in 58 sheets	D. C.	1:4,800	13.20	14×14	1881 to 1893
3240	.25	St. Thomas, Virgin Islands	W. I.	1:40,000	1.58	17×29	1922
3241	.25	St. John, Virgin Islands	do.	1:40,000	1.58	10×22	1934
3242	.25	St. Croix, Virgin Islands	do.	1:40,000	1.58	16×37	1923
5530	.75	San Francisco Bay	Calif.	1:80,000	-----	34×41	Oct. 1934
6400	.75	Seacoast and Interior Waters of Washington from Grays Harbor to Semiamoo Bay	Wash.	1:300,000	-----	33×39	Dec. 1919

¹ Scale approximate.

CHARTS AND MAPS ISSUED BY OTHER FEDERAL DEPARTMENTS

[Obtainable from the services named at the addresses given, unless otherwise indicated]

WAR DEPARTMENT:

- United States Army (Corps of Engineers)—
 - Tactical maps of limited areas.
- United States District Engineer Office—
 - Louisville, Ky., or Cincinnati, Ohio.
 - Maps of Ohio and Wabash Rivers
 - Chicago, Ill.
 - Maps of Illinois Waterway (Lakes to Gulf).
- Lake Survey, Detroit, Mich.—
 - Charts of the Great Lakes, New York State Barge Canal (Erie Canal), Lake Champlain and of the St. Lawrence River to Cornwall, Canada.
- Mississippi River Commission, Vicksburg, Miss.—
 - Maps of Mississippi River from the Head of Passes to Cairo, Ill.

* Sold by Superintendent of Documents, Washington, D. C.

NAVY DEPARTMENT: Hydrographic Office—

Charts of foreign countries.

INTERIOR DEPARTMENT:

- Geological Survey—
 - Topographic and geologic maps.
- *General Land Office—
 - Maps of the United States and of States and Territories.

POST OFFICE DEPARTMENT: (Topographer's Office)—

Post route maps of States and Territories.

DEPARTMENT OF AGRICULTURE:

- *Bureau of Agricultural Chemistry and Engineering—
 - Soil maps in county units.
- *Forest Service—
 - Maps of National Forests and of forested regions.

SALES AGENTS

[*Agents marked with an asterisk also handle U. S. Hydrographic Office publications. †Agents marked with a dagger also handle U. S. Coast Guard publications]

Maine—

Bar Harbor: Charles Parker.
Bath: †Hall & Hunt, 106 Front Street.
Belfast: Lord & Co., 31 Front Street.
Boothbay Harbor: W. E. Sawyer.
Brunswick: F. W. Chandler & Son.
Camden: †The Village Shop, 25 Main Street.
Eastport: *†S. L. Wadsworth & Son, 5-8 Central Wharf.
Manset: A. F. Ramsdell.
Portland: *†W. S. Jordan Co., 102 Commercial Street.
Rockland: *†Huston-Tuttle Book Co., 404 Main Street.
Stonington: T. Warren & Co.

New Hampshire—

Portsmouth: W. S. Jackson.

Massachusetts—

Bass River, Cape Cod: Theodore Frothingham.
Boston:
†U. S. Coast and Geodetic Survey Field Station, 10th floor Customhouse.
*Charles C. Hutchinson, Inc., 175 State Street.
*†Kelvin & Wilfrid O. White Co., 90 State Street.
*†Advance Nautical Equipment Co., 154 State Street.
Chatham: Mayflower Shop.
Edgartown: Avery & Tohin, Inc.
Gloucester: *George K. Rogers Co., 150 Main Street.
Marblehead: Fred L. Woods, Jr.
New Bedford: †C. E. Beckman Co., 31-35 Commercial Street.
Provincetown: Freeman's General Store, 491 Commercial Street.
Vineyard Haven: W. Bradford Clough.
Woods Hole: Samuel T. Cahoon.

Rhode Island—

Newport: †*W. H. Tibbetts Co., 185 Thames Street.
Providence: Goff & Page, 54 Customhouse Street.

Connecticut—

Bridgeport: Rider, Hayes Co., 610-612 Water Street.
Devon: C. E. French, 109 Bridgeport Avenue.
Essex: The Essex Paint and Marine Co.
Hartford: †Clapp & Treat, Inc., 4 American Row, Old State House Square.
New Haven: †Bradley & Scoville, Inc., 67-69 Orange Street.
New London:
†Edwin Keeney Co., 15 Main Street.
†The Darrow & Comstock Co., 114 Bank Street.

South Norwalk: Fox Cycle & Hardware Co., 108 Washington Street.
Stamford: Stamford Bookstore, Inc., 15 Atlantic Street.

New York—

Albany: †B. Lodge & Co., 109 North Pearl Street.
Bay Shore, L. I.: John L. Hammer, Ocean Avenue.
City Island: Hunter A. Winsetta, 279 City Island Avenue.
Flushing: Flushing Boat Sales and Service, 135-15 Northern Boulevard.
Freeport: Chatfield's Marine Sales and Service, Inc., Hudson Point.
Greenport: S. T. Preston & Son.
Huntington: †Huntington Hardware Co.
Mamaroneck: S. F. Coneybear, 168 East Post Road.
New Rochelle: A. Librett, Inc., 460 North Avenue.
New York:

†U. S. Coast and Geodetic Survey Field Station, 620 Federal Office Bldg.
*†John Bliss & Co., 84 Pearl Street.
*†C. S. Hammond & Co., 1 East 43rd Street.
*†T. S. & J. D. Negus, 69 Pearl Street.
*Kelvin & Wilfrid O. White Co., 38 Water Street.
†The E. J. Willis Co., 91 Chambers Street.
Ahercrombie & Fitch Co., Madison Avenue and Forty-fifth Street.
Gabiella Placht, The Beacon Book Shop, Inc., 46 E. 46th Street.

Patchogue: Donald Blakeslee, 353 River Avenue.
Port Jefferson: George W. Johnson, 137 Surf Avenue.
Port Washington: A. & R. Marshall, 403 Main Street.
Sag Harbor, L. I.: R. C. Barry & Son.

New Jersey—

Atlantic City: †Edwin H. Burk, 401 North Massachusetts Avenue.
Bay Head: F. Shade Dale.
Cape May: Cape Island Boat, Oil & Engine Co.
Perth Amboy: Frank P. Woglom, 204 Smith Street.
Point Pleasant:

Point Pleasant Hardware Co.
The Ship Chandlers, Inc., 515 Bay Avenue.
Red Bank: Harold H. Brown, 80 Riverside Avenue.

Delaware—

Wilmington: †Stelle & Stelle, 121 Market Street.

Pennsylvania—

Philadelphia:
*†John E. Hant & Sons Co., Third and Chestnut Streets.
*†Riggs & Bro., 310 Market Street.
H. Wallace Barraclough, Jr., 113 Chestnut Street.
Marine Equipment & Supply Co., 116 Walnut Street.

Maryland—

Annapolis: *Weems System of Navigation.
Baltimore:
*†John E. Hant & Sons Co., 11-13 South Gay Street.
*†Keefer & Co., 43 South Gay Street.
The Wm. H. Whiting Co., 428 East Pratt Street.
Crisfield: J. P. Tawes & Bro.

District of Columbia—

Washington: U. S. Coast and Geodetic Survey Office.

Virginia—

Newport News: *†E. Smola, 2415 Washington Avenue.
Norfolk:
†William Freeman & Son, Inc., 317 Granby Street.
*†W. T. Brownley, 121 Randolph Street.
*†Henry Eagleton, 6 Arcade Building.

Richmond: Everett Wadley Co.

North Carolina—

Elizabeth City: P. W. Melick Co., 11-13 South Water Street.
Morehead City: *Dee Gee's Shop.
Wilmington: *C. D. Maffitt & Co., Rooms 207-208, C. D. Maffitt's Marine Wireless Building.

South Carolina—

Charleston: *†The Hammond Book Store, 10 Broad Street.

Georgia—

Savannah: John D. Robinson Co., 11 Bay Street, West.

Florida—

Crystal River: Frederick Van Roy.
Fort Myers: J. B. Parker, Inc.
Fort Pierce: Hortons, Inc.

Florida—Continued.

Jacksonville: *†The H. & W. B. Drew Co.
Key West: Island City Book Store, 222 Duval Street.
Miami:
*†Frank T. Budge Co.
*†The Hopkins-Carter Co., Miami Avenue and Southeast Second Street.
Phillips Hardware Co., 301 North Miami Ave.
Pensacola: *†McKenzie-Oerting Supply Co., 601 South Palafox Street.
St. Augustine: Builder's Service Co., corner Cordova and Hypolita Streets.
St. Petersburg: Bayboro Marine Ways Co., Inc., Second Street and Seventh Avenue, South.
Sarasota: Alston & McFarland, 2 Cain Building.
Tampa: *†W. M. Fielder, 109 South Franklin Street.
Tarpon Springs: Webster Little.
West Palm Beach:
Palm Beach Mercantile Co.
Hopkins Marine Hardware Co., North Flagler Drive at Second Street.

Alabama—

Mobile: ††Mobile Ship Chandlery Co., corner Dauphin, Commerce, and Front Streets.

Louisiana

New Orleans:
†U. S. Coast and Geodetic Survey Field Station, 314 Customhouse, 423 Canal Street.
*†J. S. Sarcussen, 317 Tchoupitoulas Street.
*†Baker, Lyman & Co., 308 Magazine Street.

Texas—

Corpus Christi: Cross & Co., Inc., 1824 Mesquite Street.
Galveston: ††Purdy's Book Store, 2220 Avenue D.
Houston:

††Peden Iron & Steel Co., 700 N. San Jacinto Street.

Port Arthur: *N. M. Nielsen, 417 Austin Avenue.

Cuba—

Havana: *†Eduardo Menelo, Obispo #79.

Puerto Rico—

San Juan: *Plaza Provision Co., 15 Allen Street.

U. S. Virgin Islands—

St. Thomas: *E. L. Simmons, Harbormaster.

Canal Zone—

Cristobal: ††Captain of the Port.

California—

Balboa: Balboa Marine Hardware Co.
Eureka: †C. O. Lincoln & Co., 615 Fifth Street.
Los Angeles:
†Dietrich-Post Co. of Los Angeles, 812 South Spring Street.
*A. Lietz Co., 913 South Grand Avenue.
San Diego: ††Arey-Jones Co., 933 Fourth Street.
San Francisco:
†U. S. Coast and Geodetic Survey Field Station, 307 Customhouse.
*†Geo. E. Butler, Alaska Commercial Building, 356 California Street.
*†A. Lietz Co., 632 Commercial Street.
*†Louis Weule Co., 6 California Street.

San Pedro:

*†Marine Hardware Co., 509 Beacon Street.
†C. J. Hendry Co., 111-121 South Front Street.
*†Southwest Instrument Co., 246 West Seventh Street.
Santa Barbara: Pacific Book Publishing Co., 1022 State Street.
Stockton: Morris Bros., 15 N. Hunter Street.

Oregon—

Astoria: *The Beebe Co., 587 Bond Street.
Marshfield: Independent Stevedore Co., Inc.
North Bend: Oregon-Pacific Co., Inc.
Portland:
*†The Beebe Co., 504-10 SW. First Avenue.
*†Frank H. Parks, 213 SW. Washington Street.
†Portland Instrument Co., 334 SW. Fifth Avenue.

Washington—

Aberdeen: Benson Office Supply Co., 219 East Wishkah Street.
Anacortes: Marine Supply & Hardware.
Bellingham: Griggs Stationery & Printing Co., 212 East Holly Street.
Everett: Black & King, 2930 Colby Avenue.
Friday Harbor: Friday Harbor Drug Co.
Mount Vernon: †Ray Eldridge Stationery Co.
Olympia: The Smokehouse, 415 Capitol Way.
Port Angeles: Willson Hardware Co.
Seattle:

†U. S. Coast and Geodetic Survey Field Station, 601 Federal Office Building.
*†Max Kuner Co., 812 First Avenue.
*†Lowman & Hanford Co., 1515 Second Avenue.
*†Pacific Marine Supply Co., 1217 Western Avenue.
Northwest Instrument Co., 63 Madison Street.
Charles F. Metsker, 1020 Third Avenue.
Tacoma: *†The Stationers, Inc., 926 Pacific Avenue.

Alaska—

Cordova: Cordova Drug Co.
Craig: J. L. Lucier.
Hoonah: O. G. Hillman.
Juneau: †The Hayes Shop.
Ketchikan: *†Ryus Drug Co.
Kodiak: W. J. Erskine Co.
Petersburg: The Trading Union, Inc.
Seward: Alaska Shop.
Sitka: †P. S. Ganty.
Valdez: Valdez Drug Co., Inc.
Wrangell: †Campbell Brothers.

Hawaii—

Honolulu: *†Honolulu Paper Co., Ltd., Ala Moana at South Sts.

Philippine Islands—

Cebu: Pacific Commercial Co.
Iloilo: Hoskyn & Co.
Manila:
†U. S. Coast and Geodetic Survey Field Station, Engineer Island.
*Luzon Stevedoring Co., between Pier 1 and Pier 3, Port Area.

Canada—

Montreal, Quebec:
*Kelvin, Bottomley & Baird, Canada, Ltd., 401 McGill Street.
Nanaimo, B. C.: T. A. Barnard.
Prince Rupert, B. C.: *McRae Bros., Ltd.
Vancouver, B. C.:
*The Clarke & Stuart Co., Ltd., 550 Seymour Street.
Victoria, B. C.: Diggon-Hibben, Ltd., 1208 Government Street.

Germany—

Berlin SW.: Dietrich Reimer (Andrews & Steiner), 48 Wilhelmstrasse, 29.
Hamburg: Deutsches Seekarten Berichtungsinstitut, Herrengarten 29, 19.
Javahaus.

Netherlands—

Amsterdam: Firma L. J. Harri, Prins Hendrikade, No. 90

PUBLICATIONS OF THE INTERNATIONAL HYDROGRAPHIC BUREAU

Obtainable from International Hydrographic Bureau, Monte Carlo, Monaco (Principality). The edition required should be specified and whether English or French edition. Payment to be made by check or international postal order, payable at Monte Carlo, in French francs. Stamps, money, and bank notes not accepted. (It is requested, in order to avoid claims, that full payment be made with the order.) For prices consult latest List of Publications of the International Hydrographic Bureau.

I. REPORTS OF PROCEEDINGS OF THE INTERNATIONAL HYDROGRAPHIC CONFERENCES:

- First Conference, London, 1919.
- Second Conference, Monaco, 1926.
- First Supplementary Conference, Monaco, 1929.
- Third Conference, Monaco, 1932.
- Fourth Conference, Monaco, 1937.

REPERTORY OF TECHNICAL RESOLUTIONS adopted by the conferences, 1919-37 (†).

II. STATUTES OF THE INTERNATIONAL HYDROGRAPHIC BUREAU, 1926, with supplement, 1932, and corrections, 1937.

III. ANNUAL REPORTS OF THE INTERNATIONAL HYDROGRAPHIC BUREAU since 1922 (partly out of print).

B. SPECIAL PUBLICATIONS ON TECHNICAL SUBJECTS:

*No. 1. Echo Sounding December 1923, French and English text (out of print).

*No. 2. Report on Observations of Lights Made in the United Kingdom March 1924. English text (out of print).

*No. 3. Echo Sounding (October 1924).

*No. 4. Echo Sounding (March 1925).

*No. 5. International Low Water (March 1925).

*No. 6. Summary of Data on Uniformity in Buoyage and Buoy Lighting (August 1925).

Illustrated Tabulation (3 sheets to May 1, 1926).

No. 6a. Further Summary of Data on Uniformity in Buoyage and Buoy Lighting (October 1925).

*No. 7. Report on the Observations of Visibility of Lights (August 1925).

*No. 8. Summary of Data on Uniformity in Storm Warning Signals (December 1925).

Illustrated Tabulation (3 sheets to September 1, 1925).

No. 8a. Further Summary of Data on Uniformity in Storm Warning Signals (July 1926).

*No. 9. Unification of Buoyage (January 1926).

*No. 10. International Low Water (January 1926).

No. 11. Summary of Data on Wind Force and the Beaufort Scale (April 1926).

No. 12. Investigation of Harmonic Constants; Prediction of Tides and Currents, and their description by means of these Constants (May 1926).

No. 12a. Tables for the Calculation of Tides by means of Harmonic Constants, May 1926 (†).

No. 13. Tide Predicting Machines (July 1926).

*No. 14. Echo Sounding (August 1926).

*No. 15. Summary of Data on Coastal Signals, with proposals for their unification (April 1926).

Illustrated Tabulation (8 sheets to April 1, 1926).

*No. 16. Summary of Data on Port Signals (July 1926).

Illustrated Tabulation (10 sheets to July 1, 1926).

*No. 17. Summary of Data on Safety of Life at Sea (January 1927).

No. 18. List of Life-Saving Stations, 4th ed., Nov. 1939 (†).

*No. 19. Ocean Currents in Relation to Oceanography, Marine Biology, Meteorology, and Hydrography (March 1927). English text out of print.

No. 20. General List, arranged by oceans and historical cards of shoals of doubtful existence and of shoals the positions of which are doubtful or approximate. Second edition, revised and completed, with cards, supplements, and charts to July 1, 1938 (†):

Part A, North Atlantic Ocean (January 1932).

Part B, South Atlantic Ocean (January 1932).

Part C, Indian Ocean (January 1932).

Part D, North Pacific Ocean (January 1933).

Part E, South Pacific Ocean (July 1933).

Five parts together.

No. 21. Table of Meridional Parts (December 1928) (†), bound and unbound.

No. 22. Manual of Symbols and Abbreviations (March 1936) (†), corrections, October, November, 1936; June, October, 1937.

B. SPECIAL PUBLICATIONS ON TECHNICAL SUBJECTS—Continued.

No. 22a. Tabulation of the Principal Characteristics of Lights, 1937 (†).

No. 22b. Beaufort Scale (December 1931).

No. 22c. Terminology of Submarine Relief (January 1932), corrections, March 1938, February 1939 (†).

No. 23. Limits of Oceans and Seas (July 1937).

No. 24. Geographical Positions, Part 1 (August 1930), with erratum, July 1, 1938.

No. 24a. Geographical Positions, Part 2 (February 1931), with erratum, July 1, 1938 (†).

No. 24b. Geographical Positions, July 1938 (†).

No. 25. Catalog of Original Charts, Part I (Seas of Europe) (2d edition, January 1939 (†)), including Supplements up to May 1, 1933.

No. 25a. Part II (Atlantic Ocean, Indian Ocean) (May 1931), including Supplement up to July 1, 1933 (†).

No. 25b. Part III (Pacific Ocean), May 1935 (†).

List of agents for the sale of Original Charts, January 1939 (†) gratis.

No. 26. List of Harmonic Constants December 1936 edition consists of about 750 sheets (†).

Separate sheets (†).

No. 27. General Repertory of Original Nautical Documents Issued by Hydrographic Offices (November 1931) (†).

Part A. List of Catalogues of Charts and Nautical Documents, April 1931 (†).

Part B. List of Original Sailing Directions, 2d ed., April 1938 (†).

Part C. List of Original List of Lights, October 1931 (†).

Part D. List of Official Authorities which publish Notices to Mariners, October 1931 (†).

Part E. List of Ports for which complete Tidal Predictions are published, October 1931 (†).

No. 28. Vocabulary Concerning Tides (†):

(in English and French) (March 1932).

No. 28a. (in German Dutch and Spanish) (October 1934).

No. 29. Vocabulary Concerning Fog Signals (November 1933) (†).

**No. 30. General Bathymetric Charts of the Oceans. Information concerning the preparation of the 3d ed. A separate pamphlet accompanies each new sheet published (†).

No. 31. General List of Tidal Authorities and Tidal Records. Dec. 1935 (†).

No. 32. Hydrographic Dictionary (†) in several languages (in press).

No. 33. A Summary of Echo Sounding Apparatus, August 1939.

No. 34. Vocabulary of the most usual terms occurring in W/T Notices to Mariners, November 1939 († in several languages).

Planisphere, Mercator Proj., scale on Eq. 1:45,000,000-39"x20".

**Reproduction of Mercator's Chart, 1569, 18 sheets.

**General Bathymetric Chart of the Oceans. Scale 1:10,000,000; in 24 sheets.

IV. HYDROGRAPHIC REVIEW, published in May and November of each year. Vol. 1, No. 2, May 1924, and XIV, No. 1, May 1937, are exhausted but edition in French is available; number forms one volume 8vo 11" by 7½", illustrated, of about 200 pages.

Index to the first twenty-four numbers.

V. INTERNATIONAL HYDROGRAPHIC BULLETIN (†bilingual, English-French), published each month from January 1928 to December 1933.

Thereafter the Bulletin has been published every two months.

Note: No. VI, November 1937, is exhausted.

VI. YEAR BOOK, 1939 (†bilingual, English-French), giving the titles, addresses, etc., of hydrographers all over the world.

Year Book, 1940, (†bilingual, English-French), giving the titles, addresses, etc., of hydrographers all over the world (in press).

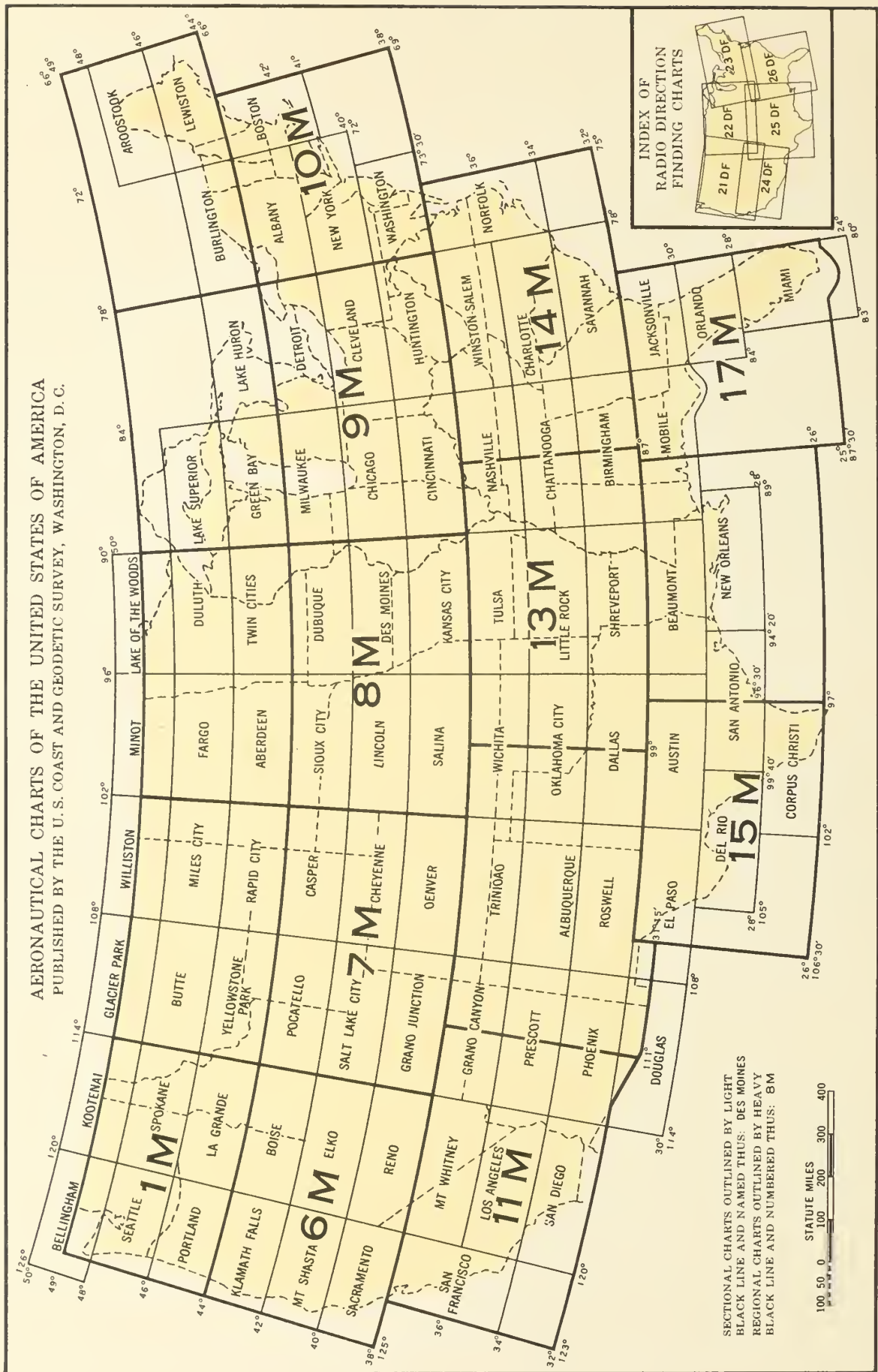
There is an English and a French edition of all publications, except of the Report. Proceedings of the London Conference of 1919 (English edition only) and of the Hydrographic Bulletin, Year Book, and some special publications, which are bilingual.

A reduction is allowed to Government offices and Naval and Mercantile Marine officers of states members of the Bureau if the order is sent direct to the Bureau. This reduction does not apply to the General Bathymetric Chart of the Oceans or to Mercator Chart 1569.

*Reproduced in the Hydrographic Review which follows their issue.

**Reproduction of Mercator's Chart 1569 and General Bathymetric Chart of the Oceans.

†Bilingual publications.



AERONAUTICAL CHARTS OF THE UNITED STATES

[For Airway Maps of the Philippine Islands, see page 59]

The aeronautical charts published and issued by the Coast and Geodetic Survey are designed for use in air navigation. Lithographed in colors, they give emphasis to radio ranges, airports, auxiliary landing fields, beacon lights, high-tension lines, and other aids or obstructions to air navigation. This aeronautical information is accurately located upon a base map showing streams, roads, railroads, towns, elevations, and all characteristic details of the terrain.

Sectional Charts, the basic aeronautical charts of the United States, size about 20 by 42 inches, are on a scale of 1:500,000 (8 miles to the inch), and cover an area within 2° of latitude and 6° of longitude, with an overlap on adjoining charts. The 87 charts cover the entire United States. They sell for 40 cents each. (See quantity discount below.)

Other aeronautical charts are **regional** and **radio direction finding**. These and **auxiliary charts** and the treatise on navigation, are all described below.

SECTIONAL AERONAUTICAL CHARTS

Scale 1:500 000 (8 miles to the inch); size about 20 by 42 inches. Price 40 cents each; quantity discount shown below.

Aberdeen.	Cheyenne.	Fargo.	Lincoln.	Orlando.	Seattle.
Albany.	Chicago.	Glacier Park.	Little Rock.	Phoenix.	Shreveport.
Albuquerque.	Cincinnati.	Grand Canyon.	Los Angeles.	Pocatello.	Sioux City.
Aroostook.	Cleveland.	Grand Junction.	Miami.	Portland.	Spokane.
Austin.	Corpus Christi.	Green Bay.	Miles City.	Prescott.	Trinidad.
Beaumont.	Dallas.	Huntington.	Milwaukee.	Rapid City.	Tulsa.
Bellingham.	Del Rio.	Jacksonville.	Minot.	Reno.	Twin Cities.
Birmingham.	Denver.	Kansas City.	Mobile.	Roswell.	Washington, D. C.
Boise.	Des Moines.	Klamath Falls.	Mt. Shasta.	Sacramento.	Wichita.
Boston.	Detroit.	Kootenai.	Mt. Whitney.	Salina.	Williston.
Burlington.	Douglas.	La Grande.	Nashville.	Salt Lake City.	Winston-Salem.
Butte.	Dubuque.	Lake Huron.	New Orleans.	San Antonio.	Yellowstone Park.
Casper.	Duluth.	Lake of the Woods.	New York.	San Diego.	
Charlotte.	El Paso.	Lake Superior.	Norfolk.	San Francisco.	
Chattanooga.	Elko.	Lewiston.	Oklahoma City.	Savannah.	

ALASKA

Kenai Aeronautical Chart—Scale 1:1,000,000. Includes Kodiak, Seward, Anchorage, Valdez, and Cordova. Price 40 cents; quantity discount shown below

REGIONAL AERONAUTICAL CHARTS

Scale 1:1,000,000 (16 miles to the inch); size about 33 by 50 inches. Price 75 cents each; quantity discount shown below.

1-M 6-M 7-M 8-M 9-M 10-M 11-M 13-M 14-M 15-M 17-M

RADIO DIRECTION FINDING

The aeronautical charts listed below have been especially designed for radio direction finding. Scale 1:2,000,000 (32 miles to the inch). Six charts with generous overlaps are required to cover the United States. For limits of these charts see insert on page 56. Price, 75 cents each; quantity discount shown below.

21-DF 22-DF 23-DF 24-DF 25-DF 26-DF

AUXILIARY CHARTS

- 3060a Aeronautical planning chart of the United States; on Lambert conformal conic projection, showing principal cities, airports, and radio broadcasting stations; scale, 1:5,000,000. Price, 40 cents.
- 3074 Great circle chart of the United States, on gnomonic projection, showing selected airports along air routes. Price, 40 cents.
- 3077 Magnetic chart of the United States showing the lines of equal magnetic declination compass variation and of equal annual change for the year 1935. This chart is issued at intervals of five years, the lines of annual change providing means of estimating declination for intervening years. Price, 20 cents. Quantity discount shown below.

TREATISE ON AIR NAVIGATION

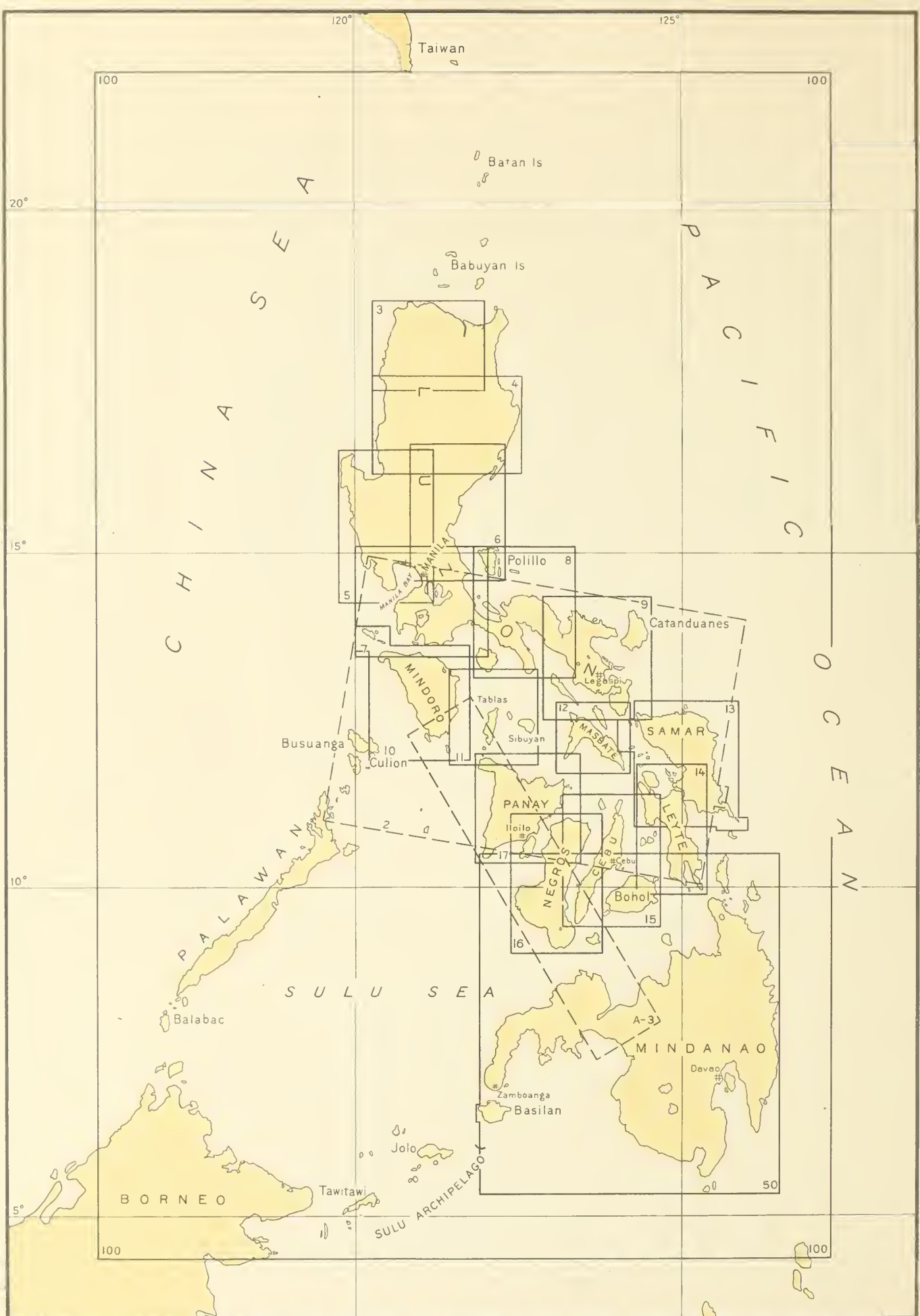
“PRACTICAL AIR NAVIGATION and the use of the Aeronautical Charts of the Coast and Geodetic Survey” (third edition); by Thoburn C. Lyon, Associate Cartographic Engineer. Of value in the solution of all problems of air navigation. Contains 209 pages and 102 illustrations, with practical examples in piloting, dead reckoning, radio, and celestial navigation, with all the necessary tables. There is included an Appendix which contains several new graphs and diagrams. By their use many of the problems of air navigation may be solved without computation or the construction of a triangle of velocities; instead, pilots may read at a glance the answer to problems involving the effect of wind or time-speed-distance relations. Price, 65 cents per copy; or in lots of 100 or more a discount of 25% is allowed.

QUANTITY DISCOUNT

A discount of 33⅓% from full published prices is allowed on orders for aeronautical and auxiliary charts amounting to \$10.00 (gross value) made in one shipment to one address, for gross orders from \$6.67 to \$10.00 a charge of \$6.67 being made. They are not returnable.

Address the Director, U.S. Coast and Geodetic Survey, Washington, D. C.

They may also be obtained from many appointed recognized dealers at principal airports throughout the country and from the Field Stations of the Bureau at the following places: 10th Floor, Customhouse, Boston, Mass.; 620 Federal Office Building, New York, N. Y.; 423 Canal Street, New Orleans, La.; 307 Customhouse, San Francisco, Calif.; 601 Federal Office Building, Seattle, Wash.



STRIP AIRWAY MAPS AND TOPOGRAPHIC MAPS OF THE PHILIPPINE ISLANDS

PHILIPPINE AERONAUTICAL CHART AND STRIP AIRWAY MAP

(These maps may be purchased from the Director of Coast Surveys, Manila, P. I. or from the Director, Coast and Geodetic Survey, Washington, D. C.)

No. 1. **Aeronautical Chart**.—Southern Luzon and Northern Visayas, with harbor sketches (1939). Scale, 1:600,000. Price, 75 cents.

No. A-3. **Strip Airway Map**.—San Jose and Iloilo to Malabang (1934). Scale, 1:500,000. Price, 50 cents.

TOPOGRAPHIC AND OUTLINE MAPS OF THE PHILIPPINE ISLANDS

No.	Price	Title	Approximate scale	Size of border (inches)	Date	No.	Price	Title	Approximate scale	Size of border (inches)	Date
TOPOGRAPHIC MAPS						TOPOGRAPHIC MAPS—Contd.					
3	\$1.00	Northern Luzon—western sheet.....	1:200,000	38×56	1932	17	\$1.00	Panay.....	1:200,000	35×38	1931
4	1.25	Northern Luzon—southern sheet.....	1:200,000	31×49	1935	50	1.50	Mindanao.....	1:600,000	36×39	1934
5	1.50	Central Luzon.....	1:200,000	32×50	1936	100	2.00	Philippine Islands (in four sheets)†.....	1:1,000,000	50×78	1937
6	1.00	Central Luzon—eastern sheet.....	1:200,000	31×45	1933	OUTLINE MAPS					
7	1.50	Southern Luzon—western sheet.....	1:200,000	36×44	1936	104	.50	Outline Map of the Commonwealth of the Philippines.....	1:1,600,000	33×50	1937
8	1.50	Southern Luzon—central sheet.....	1:200,000	34×43	1940						
9	1.50	Southern Luzon—southern sheet.....	1:200,000	36×41	1933	105	.50	Outline Map of the Commonwealth of the Philippines.....	1:1,600,000	33×50	1937
10	1.00	Mindoro.....	1:200,000	32×40	1935						
11	.50	Romblon, Tablas, and Sibuyan.....	1:200,000	30×32	1934	3082	.25	Outline Map of the Philippine Islands, Polyconic Projection.....	1:2,500,000	20×30	1934
12	.50	Masbate.....	1:200,000	25×26	1932						
13	1.50	Samar.....	1:200,000	36×40	1934	3083	.10	Philippine Islands Base Map, Mercator Projection in Lat. 13° N.....	1:5,000,000	11×17	1905
14	1.00	Leyte.....	1:200,000	24×44	1937						
15	1.50	Cebu and Bohol.....	1:200,000	33×43	1934						
16	1.50	Negros.....	1:200,000	32×46	1935						

†Can be supplied by the Director of Coast Surveys, Manila, P. I., mounted on muslin, at \$4 per copy.

PUBLICATIONS ON TRIANGULATION AND MAGNETIC DECLINATION IN THE PHILIPPINE ISLANDS

[Obtainable only from the Director of Coast Surveys, Manila, P. I.]

Philippine Islands, Vol. I.—8vo., paper, pp. 468 (1927). Price, 50 cents.

Philippine Islands, Vol. II.—8vo., paper, pp. 476 (1927). Price, 50 cents.

Manila.—8vo., paper, pp. 55 (1926). Price, 15 cents.

Magnetic Declination for Philippine Islands (1925). Price, 30 cents.

NUMERICAL LIST OF NAUTICAL CHARTS

No.	Price	Page	No.	Price	Page	No.	Price	Page	No.	Price	Page	No.	Price	Page	No.	Price	Page
50	\$0. 75	3	303	\$0. 75	5	529	\$0. 75	11	827	\$0. 25	11	1115	\$0. 75	3	1273	\$0. 75	17
52	. 75	53	304	. 75	5	530	. 50	11	829	. 25	19	1116	. 75	3	1274	. 75	17
70	. 75	3	305	. 75	5	531	. 75	11	830	. 25	19	1117	. 75	3	1275	. 75	17
77	. 75	3	306	. 75	5	533	. 50	17	831	. 25	19	1201	. 75	5	1276	. 75	17
78	. 75	3	307	. 75	5	534	. 75	11	832	. 25	19	1202	. 75	5	1277	. 75	17
178	. 75	15	308	. 75	5	535	. 75	11	833	. 25	19	1203	. 75	5	1278	. 75	17
179	. 75	15	309	. 75	5	536	. 75	11	834	. 25	19	1204	. 75	5	1279	. 75	17
180	. 75	15	310	. 75	5	537	. 75	13	835	. 25	19	1205	. 75	5	1280	. 75	17
181	. 75	15	311	. 75	5	538	. 75	13	836	. 25	19	1206	. 75	5	1282	. 75	17
182	. 75	15	312	. 75	5	539	. 75	11	837	. 25	19	1207	. 75	7	1283	. 75	17
183	. 75	15	313	. 75	5	541	. 75	9	838	. 25	19	1208	. 75	7	1284	. 75	17
214	. 50	9	314	. 75	5	542	. 75	9	839	. 25	19	1209	. 75	7	1285	. 75	17
215	. 75	9	315	. 75	5	543	. 50	9	840	. 25	19	1210	. 75	7	1286	. 75	17
216	. 50	9	317	. 25	5	545	. 75	11	841	. 25	19	1211	. 75	9	1287	. 75	17
217	. 50	9	318	. 25	5	546	. 75	15	842	. 25	19				1288	. 75	17
218	. 75	9	319	. 25	5	547	. 75	15	843	. 25	19	1212	. 75	9	1313	. 75	53
219	. 50	9	320	. 25	5	548	. 75	11	844	. 25	19	1213	. 75	9	1316	. 75	53
220	. 75	9	321	. 25	5	549	. 75	11	845	. 25	19	1214	. 75	9	1317	. 75	53
221	. 75	9	325	. 50	5	550	. 75	11	846	. 25	19	1215	. 75	9	1318	. 75	53
222	. 75	9	329	. 50	5	557	. 75	11	847	. 25	19	1216	. 75	11	1350	. 75	3
223	. 75	9	330	. 25	5	558	. 75	11	848	. 25	19	1217	. 75	11	1351	. 75	3
224	. 75	9	331	. 25	5	559	. 75	11	849	. 25	19	1218	. 75	11	3032	. 50	53
225	. 50	5	339	. 25	7	560	. 75	11	901	. 75	21	1219	. 75	11	3035	. 45	53
226	. 75	9	343	. 50	7	566	. 75	11	902	. 75	21	1220	. 75	11	3036	. 45	53
227	. 25	5	345	. 25	7	567	. 75	11	903	. 75	21	1221	. 75	11	3043	. 45	53
228	. 25	5	346	. 50	7	570	. 50	11	904	. 75	21	1222	. 75	11	3055	. 50	53
229	. 50	5	347	. 50	7	571	. 75	13	905	. 75	21	1223	. 75	11	3060	. 30	53
230	. 50	5	348	. 25	7	573	. 75	13	908	. 75	21	1224	. 75	11	3060a	. 40	53
231	. 75	5	352	. 25	7	574	. 75	13	909	. 50	21	1225	. 75	11			
232	. 25	7	353	. 75	7	575	. 25	13	913	. 75	21	1226	. 75	11	3068	. 20	53
233	. 50	7	354	. 25	7	577	. 75	15	914	. 75	21	1227	. 75	13	3069	. 25	53
234	. 25	11	355	. 25	7	578	. 75	9	915	. 50	21	1228	. 75	13	3070	. 75	53
235	. 25	5	356	. 75	53	579	. 25	9	916	. 25	21	1229	. 75	13	3074	. 40	53
236	. 50	7	357	. 25	7	580	. 75	7	917	. 75	21	1231	. 75	13	3074a		
237	. 75	7	358	. 75	9	581	. 25	7	918	. 25	21	1232	. 75	13		53	
240	. 75	7	359	. 75	9	582	. 25	15	920	. 75	21	1233	. 75	13	3075	. 75	3
242	. 50	7	361	. 75	9	583	. 50	53	921	. 75	21	1234	. 75	13	3076	. 75	3
243	. 75	7	369	. 75	9	584	. 75	15	922	. 25	21	1235	. 75	13	3077	. 20	53
245	. 75	7	375	. 50	9	585	. 50	15	923	. 25	21	1236	. 75	13	3078	. 60	
246	. 75	7	376	. 75	53	586	. 75	15	924	. 25	21	1237	. 75	13	3079	. 25	53
247	. 50	7	379	. 25	11	587	. 75	15	925	. 25	21	1238	. 75	13	3080	. 25	53
248	. 75	7	400	. 75	11	588	. 75	17	926	. 75	21	1239	. 75	13	3081	. 30	53
249	. 75	7	409	. 25	13	589	. 75	17	927	. 75	21	1240	. 75	13	3082	. 25	53
250	. 50	7	413	. 50	17	590	. 75	17	928	. 75	21	1241	. 75	13	3083	. 10	53
251	. 75	7	420	. 25	13	591	. 75	17	929	. 75	21	1242	. 75	13	3084	. 05	53
252	. 75	7	421	. 25	13	592	. 50	17	931	. 75	21	1243	. 75	15	3085	. 25	53
254	. 50	9	424	. 50	13	593	. 50	17	932	. 25	21	1244	. 75	15	3086	. 20	53
255	. 50	9	425	. 50	13	621	2. 00	53	933	. 25	21	1245	. 75	15	3099	. 15	53
256	. 50	9	440	. 75	13	627	. 50	53	934	. 25	21	1246	. 75	15	3101	. 15	53
262	. 25	7	447	. 25	13	A-634	. 25	53	935	. 50	21	1247	. 75	15	3190		
274	. 25	9	448	. 50	13	680	. 75	13	936	. 50	21	1248	. 75	15	3240	. 25	53
276	. 50	7	450	. 50	13	681	. 25	13	937	. 50	21	1249	. 75	15	3241	. 25	53
278	. 75	7	452	. 75	11	682	. 25	15	950	. 75	21	1250	. 75	15	3242	. 25	53
280	. 75	11	453	. 50	13	683	. 25	15	952	. 75	21	1251	. 75	15	3261	. 25	19
281	. 50	9				684	. 25	15	955	. 75	21	1252	. 75	15	4000	. 75	41
282	. 50	9	470	. 75	13	745	. 75	9	1000	. 75	3	1253	. 75	15	4101	. 25	41
283	. 75	9	473	. 50	15	746	. 75	9	1001	. 75	3	1254	. 75	15	4102	. 75	41
284	. 50	9	474	. 25	15	747	. 75	9	1002	. 75	3	1255	. 75	15	4103	. 25	41
285	. 75	9	480	. 25	15	748	. 75	9	1007	. 75	3	1256	. 75	15	4104	. 75	41
286	. 75	9	481	. 75	11	777	. 75	13	1050	. 50	17	1257	. 75	15	4105	. 25	41
287	. 75	9	490	. 75	17	787	. 50	13	1051	. 50	17	1263	. 75	15	4108	. 25	41
288	. 50	5	491	. 50	13	792	. 75	13	1106	. 75	3	1264	. 75	15	4109	. 50	41
289	. 50	5	492	. 75	11	793	. 75	13	1107	. 75	3	1265	. 75	17	4110	. 75	41
293	. 75	9	494	. 75	11	794	. 25	13	1108	. 75	3	1266	. 75	17	4111	. 25	41
294	. 75	11	495	. 75	11	795	. 50	9	1109	. 75	3	1267	. 75	17	4112	. 50	41
295	. 75	11	504	. 75	11	801	. 75	5	1110	. 75	3	1268	. 75	17	4113	. 25	41
296	. 50	11	508	. 50	15	804	. 75	15	1111	. 75	3	1269	. 75	17	4114	. 50	41
297	. 25	7	509	. 50	15	805	. 75	15	1112	. 75	3	1270	. 75	17	4115	. 75	41
298	. 50	9	517	. 75	17	825	. 25	11	1113	. 75	3	1271	. 75	17	4116	. 75	41
299	. 25	9	520	. 50	17	826	. 25	11	1114	. 75	3	1272	. 75	17	4117	. 75	41

NUMERICAL LIST OF NAUTICAL CHARTS—Continued

No.	Price	Page	No.	Price	Page	No.	Price	Page	No.	Price	Page	No.	Price	Page	No.	Price	Page
4118	\$0. 75	41	4326	\$0. 75	47	4625	\$0. 75	51	5703	\$0. 75	23	8145	\$0. 75	29	8515	\$0. 75	35
4121	. 50	41	4334	. 75	47	4626	. 75	51	5710	. 25	23	8146	. 75	29	8517	. 75	35
4122	. 25	41	4335	. 25	47	4627	. 75	51	5773	. 25	23	8147	. 75	29	8519	. 75	35
4123	. 50	41	4336	. 50	47	4628	. 75	51	5795	. 50	23	8148	. 75	29	8520	. 75	35
4130	. 75	41	4337	. 75	47	4629	. 75	51	5802	. 75	25	8151	. 75	29	8523	. 75	35
4131	. 75	41	4338	. 75	47	4638	. 75	51	5832	. 50	23	8152	. 75	29	8524	. 75	35
4132	. 50	41	4339	. 50	47	4639	. 75	51	5846	. 25	25	8153	. 25	29	8525	. 25	35
4161	. 25	41	4340	. 50	47	4640	. 50	51	5895	. 25	25	8155	. 75	29	8528	. 75	35
4162	. 50	41	4342	. 50	47	4641	. 50	51	5896	. 75	25	8157	. 75	29	8529	. 75	35
4163	. 25	41	4343	. 25	47	4645	. 50	51	5902	. 75	25	8158	. 75	29	8530	. 75	35
4164	. 25	41	4344	. 75	47	4647	. 25	51									
4165	. 25	41	4346	. 50	47	4650	. 75	51	5951	. 75	25	8160	. 50	31	8531	. 75	35
4166	. 25	41	4347	. 75	47	4651	. 50	51	5952	. 25	25	8161	. 75	29	8532	. 75	35
4190	. 75	41	4348	. 50	47	4652	. 75	51	5971	. 25	25	8162	. 75	31	8533	. 75	35
4200	. 75	43	4349	. 50	47	4653	. 75	51	5984	. 75	25	8164	. 25	31	8534	. 75	35
		45	4350	. 75	47	4654	. 75	51	6002	. 75	25	8164	. 25	31	8535	. 75	35
4202	. 50	41	4351	. 75	47	4655	. 75	51	6004	. 25	25	8168	. 25	31	8536	. 75	35
4205	. 75	45	4355	. 75	47	4656	. 75	51	6023	. 25	25	8170	. 75	31	8537	. 75	35
4206	. 75	45	4356	. 75	47	4705	. 75	43	6058	. 50	25	8171	. 75	29	8540	. 50	35
4207	. 75	45	4405	. 75	49	4706	. 75	43	6102	. 75	25	8172	. 75	31	8541	. 75	35
4208	. 75	45	4410	. 75	49	4707	. 75	43	6112	. 50	25	8173	. 75	29	8542	. 75	35
4209	. 75	45	4411	. 75	49	4708	. 75	43									
4210	. 75	45	4412	. 75	49	4714	. 75	43	6122	. 25	25	8174	. 25	31	8545	. 75	35
4211	. 75	45	4413	. 75	49	4715	. 75	43	6146	. 50	25	8179	. 25	31	8551	. 75	35
4214	. 75	45	4414	. 75	49	4716	. 75	43	6151	. 75	25	8201	. 75	29	8552	. 75	35
4218	. 75	45	4415	. 75	49	4718	. 75	43	6152	. 75	25	8201	. 75	31	8553	. 75	35
4219	. 75	45	4416	. 75	49	4719	. 75	43	6153	. 75	25	8202	. 75	33	8554	. 75	35
4220	. 75	45	4417	. 75	49	4720	. 75	43									
4221	. 75	45	4418	. 75	49	4722	. 75	43	6154	. 50	25	8210	. 75	31	8556	. 75	35
4222	. 75	45	4420	. 75	49	5001	. 75	23	6155	. 75	25	8214	. 25	31	8557	. 75	35
4223	. 75	45	4421	. 75	49	5002	. 75	27	6185	. 75	25	8216	. 50	31	8557	. 75	35
4226	. 75	45	4422	. 75	49	5006	. 25	23	6195	. 50	25	8218	. 50	31	8573	. 75	35
4227	. 75	45	4423	. 75	49	5020	. 75	27	6265	. 75	25	8224	. 25	31	8575	. 75	35
4228	. 75	45	4424	. 75	49	5052	. 75	27	6300	. 75	25	8227	. 25	33	8588	. 50	35
4229	. 75	45	4425	. 75	49	5101	. 75	23	6303	. 25	25	8228	. 25	31	8589	. 50	35
4230	. 75	45	4426	. 75	49	5101A	. 75	23	6377	. 25	25	8229	. 25	33	8665	. 50	35
4235	. 75	45	4427	. 75	49	5105	. 75	23	6378	. 50	25	8235	. 50	33	8666	. 75	37
4236	. 50	45	4428	. 75	49	5107	. 75	23	6380	. 75	25	8239	. 75	31	8700	. 75	37
4237	. 75	45	4429	. 75	49	5108	. 75	23									
4238	. 75	45	4430	. 75	49	5110	. 75	23	6381	. 75	25	8241	. 75	31	8701	. 75	37
4239	. 50	45	4431	. 75	49	5111	. 75	23	6382	. 75	25	8242	. 50	31	8703	. 50	37
4243	. 50	45	4432	. 75	49	5112	. 75	23	6399	. 25	25	8244	. 75	31	8704	. 75	37
4246	. 50	45	4440	. 50	49	5113	. 75	23	6400	. 75	53	8246	. 75	31	8710	. 75	37
4255	. 75	45	4447	. 50	49	5114	. 50	23	6403	. 25	25	8247	. 50	31	8802	. 75	27
4257	. 75	45	4448	. 50	49	5115	. 75	23									
4258	. 25	45	4449	. 75	49	5116	. 75	23	6405	. 50	25	8248	. 75	31	8822	. 25	35
4259	. 75	45	4453	. 75	49	5117	. 75	23	6406	. 25	25	8252	. 75	31	8833	. 25	37
4260	. 50	45	4454	. 75	49	5118	. 50	23	6407	. 50	25	8253	. 75	31	8841	. 25	37
4266	. 50	45	4455	. 75	49	5128	. 25	23	6412	. 25	25	8254	. 75	31			
4267	. 50	45	4456	. 25	49	5143	. 50	23	6440	. 25	25	8255	. 75	31	8851	. 50	35
4268	. 50	45	4463	. 75	49	5144	. 50	23	6443	. 50	25	8256	. 75	31			
4269	. 25	45	4464	. 75	49	5147	. 75	23	6444	. 75	25	8258	. 25	31	8860	. 75	37
4271	. 75	45	4465	. 50	49	5202	. 75	23	6447	. 75	25	8260	. 75	33	8881	. 25	37
4272	. 75	45	4466	. 75	49	5261	. 25	23	6448	. 25	25	8261	. 75	31	8995	. 75	39
4273	. 25	45	4467	. 25	49	5302	. 75	23	6449	. 75	25	8263	. 25	31	8996	. 75	39
4274	. 50	45	4511	. 75	51	5386	. 25	23	6450	. 75	25	8264	. 25	31	9000	. 75	27
4275	. 75	45	4512	. 75	51	5387	. 50	23	6460	. 75	25	8265	. 25	31	9007	. 75	37
4276	. 25	45	4513	. 75	51	5402	. 75	23	6462	. 50	25	8266	. 25	31	9008	. 50	37
4277	. 75	45	4514	. 75	51	5403	. 75	23	7002	. 75	27	8271	. 25	31	9010	. 75	37
4278	. 75	45	4515	. 75	51	5476	. 75	23	8002	. 75	27	8272	. 75	31	9050	. 50	39
4279	. 50	45	4516	. 75	51	5502	. 75	23	8053	. 75	29	8280	. 75	31	9102	. 75	27
4280	. 50	45	4517	. 75	51	5520	. 25	23	8054	. 25	29	8281	. 75	31	9103	. 50	39
4283	. 75	45	4518	. 75	51	5525	. 50	23	8074	. 50	29	8283	. 75	31	9104	. 50	39
4305	. 75	47	4540	. 50	51	5527	. 75	23	8075	. 75	29	8285	. 25	31	9196	. 50	35
4309	. 75	47	4541	. 50	51	5528	. 75	23	8076	. 25	29	8299	. 25	31			
4312	. 75	47	4543	. 50	51	5530	. 75	53	8078	. 75	29	8302	. 75	33	9302	. 75	27
4314	. 75	47	4544	. 75	51	5531	. 75	23	8079	. 75	29	8303	. 50	33	9370	. 75	39
4315	. 75	47	4546	. 75	51	5532	. 75	23	8085	. 25	29	8304	. 75	33	9372	. 75	39
4316	. 75	47	4603	. 75	51	5533	. 75	23	8094	. 75	29	8306	. 50	33	9373	. 75	39
4317	. 75	47	4604	. 75	51	5534	. 75	23	8095	. 75	29	8410	. 75	33	9375	. 75	39
4319	. 75	47	4605	. 75	51	5535	. 75	23	8102	. 75	29	8455	. 50	35	9380	. 75	39
4321	. 75	47	4606	. 75	51	5599	. 25	23	8120	. 75	29	8457	. 50	35	9381	. 25	39
4323	. 75	47	4607	. 75	51	5602	. 75	23	8124	. 50	29	8502	. 75	27	9382	. 75	39
4324	. 75	47	4608	. 75	51	5603	. 75	23	8141	. 75	29	8505	. 50	33	9385	. 25	39
4325	. 75	47	4624	. 75	51	5702	. 75	25	8142	. 75	29	8513	. 50	35	9400	. 75	27

INDEX

	Page		Page		Page
Aeronautical charts.....	56-59	Dates on charts.....	3	Notice to Mariners.....	1, 52
Agents, sales.....	54	Distance tables.....	52	Numerical list of charts.....	60-61
Airway map; Philippine Islands.....	59	Field stations.....	1	Pacific coast charts.....	23-27
Alaska charts.....	27-39, 57	General charts of the coast:		Pacific coast current tables.....	52
Alaska coast pilots.....	52	Alaska.....	29-39	Pacific coast pilots.....	52
Atlantic and Gulf coasts charts.....	3-17	Atlantic and Gulf coasts.....	3	Pacific coast tide tables.....	52
Atlantic coast current tables.....	52	Canal Zone.....	21	Panama, Canal Zone charts.....	21
Atlantic coast pilots.....	52	Hawaiian Islands.....	41	Philippine Islands:	
Atlantic coast tide tables.....	52	Pacific coast.....	23, 25	Airway map and aeronautical chart.....	59
Canal Zone charts.....	21	Panama, Canal Zone.....	21	Charts.....	43-51
Chart correction notices.....	52	Philippine Islands.....	43	Coast pilots.....	52
Charts, aeronautical.....	56-59	West Indies.....	21	Magnetic declination.....	59
Charts, nautical:		General information.....	1	Outline maps.....	59
Alaska.....	27-39	Great Circle chart.....	57	Topographic maps.....	59
Atlantic and Gulf coast.....	3-17	Guam charts.....	41	Triangulation.....	59
Canal Zone.....	21	Gulf coast charts.....	3, 15, 17	Pilots, United States coast.....	52
Dates explained.....	3	Gulf coast pilot.....	52	Planimetric maps.....	1
Description.....	1	Harbor charts:		Planning chart.....	57
General information.....	1	Alaska.....	29-39	Plans, miscellaneous.....	53
Guam.....	41	Atlantic coast.....	3-15	Practical Air Navigation.....	57
Gulf coast.....	3, 15, 17	Canal Zone.....	21	Puerto Rico charts.....	21
Hawaiian Islands.....	41	Guam.....	41	Purchases.....	1
Inside route.....	19	Gulf coast.....	15, 17	Radio direction finder aeronautical charts.....	57
Intracoastal Waterways.....	19	Hawaiian Islands.....	41	Regional aeronautical charts.....	56-57
Numerical index.....	60-61	Pacific coast.....	23, 25	Sailing charts:	
Other Federal departments.....	53	Panama, Canal Zone.....	21	Alaska.....	27
Pacific coast.....	23-27	Philippine Islands.....	45-51	Atlantic and Gulf coasts.....	3
Panama.....	21	Samoa.....	41	Hawaiian Islands.....	41
Philippine Islands.....	43-51	Hawaiian Islands charts.....	41	Pacific coast.....	27
Puerto Rico.....	21	Hawaiian Islands coast pilot.....	52	Philippine Islands.....	43
Purchases.....	1	Inside route charts.....	19	Samoa.....	41
Samoa.....	41	Inside route pilots.....	52	Sales agents.....	54
Scale equivalents.....	1	International Hydrographic Bureau.....	55	Scale equivalents.....	1
Survey records available.....	1	Intracoastal Waterway charts.....	19	Sectional aeronautical charts.....	57
Tidal current.....	52	Intracoastal Waterway pilots.....	52	Strip airway maps, Philippine Islands.....	59
Virgin Islands.....	21	Light lists.....	52	Survey records available.....	1
Coast charts:		Maps:		Tables:	
Atlantic coast.....	5-15	Airway, Philippines.....	59	Current.....	52
Guam.....	41	Miscellaneous.....	53	Distance.....	52
Gulf coast.....	3, 15, 17	Other Federal departments.....	53	Scale equivalents.....	1
Hawaiian Islands.....	41	Outline, Philippines.....	53, 59	Tide.....	52
Pacific coast.....	23, 25	Planimetric.....	1	Tidal current charts.....	52
Panama, Canal Zone.....	21	Topographic, Philippines.....	59	Tide tables.....	52
Philippine Islands.....	45-51	Miscellaneous maps and plans.....	53	Treatise on Air Navigation.....	57
Puerto Rico.....	21	Nautical charts. (See Charts.)		Triangulation, Philippine Islands.....	59
Virgin Islands.....	21	New York Harbor tide table.....	52	Virgin Islands charts.....	21
Coast pilots.....	52			West Indies charts.....	21
Current charts, tidal.....	52			West Indies coast pilots.....	52
Current diagram, Chesapeake Bay.....	52				
Current tables.....	52				

